



# भारत का राजपत्र The Gazette of India

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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

## भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस  
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

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Calcutta, the 4th April 1998

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Building, 5th, 6th and 7th  
Floor, 234/4, Acharya Jagadish  
Bose Road, Calcutta-700 020.

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All applications, notices, statements or other documents, or any fees required by the Patents Act, 1970 or the Patents Rules, 1972 will be received only at the appropriate offices of the Patent Office.

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## पेटेंट कार्यालय

## एकत्र तथा अभिकल्प

कलकत्ता, दिनांक 4 अप्रैल 1998

## पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ता में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जौन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टांजी हस्टेड,  
तीसरा तल, लोअर परले (प.),  
मुम्बई-400 013.

गुजरात, महाराष्ट्र, मध्य प्रदेश  
तथा गोवा राज्य क्षेत्र एवं संघ  
शासित क्षेत्र, वमन तथा दीव एवं  
दादर और नगर हवेली ।

तार पता-“पेटेंटिफिस”

पेटेंट कार्यालय शाखा,  
गमक सं 401 से 405, तीसरा तल,  
नगरपालिका बाजार भवन,  
सम्मुखी मार्ग, करोल बाग,  
नई दिल्ली-110 005.

हरियाणा, हिमाचल प्रदेश, जम्मू  
तथा कश्मीर, पंजाब, राजस्थान,  
उत्तर प्रदेश तथा दिल्ली राज्य  
क्षेत्र एवं संघ शासित क्षेत्र संबंधीगत् ।

तार पता-“पेटेंटिफिस”

## पेटेंट कार्यालय शाखा,

मिंग सी (सी-4, ए)

तीसरा तल, राजाजी भवन बसन्त नगर,

चेन्नई-600090 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु,  
तथा पाण्डिचेरी राज्य क्षेत्र एवं  
संघ शासित क्षेत्र, लक्षद्वीप, मिनिक्काय  
तथा एमिनिदिचि द्वीप ।

तार पता-“पेटेंटिफिस”

पेटेंट कार्यालय (प्रधान कार्यालय)  
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय  
भवन, 5, 6 तथा 7वां तल,  
234/4, आचार्य जगदीश बोस मार्ग,  
कलकत्ता-700 020.

भारत का कवलेष क्षेत्र ।

तार पता - “पेटेंट्स”

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में  
अपीलर सभी आवेदन-पत्र सम्बन्ध, विवरण या अन्य प्रलेख पेटेंट  
कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जायेंगे ।

शुल्क : शुल्कों की अदायगी या तो नकद की जाणी अथवा  
उपयुक्त कार्यालय में निर्यत्रक को भुगतान योग्य धनद्वारा अथवा  
ड्राफ्ट वादेष या जहाँ उपयुक्त कार्यालय अवस्थित है, उस स्थान  
के अनुरोधित बैंक से निर्यत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा  
बैंक द्वारा की जा सकती है ।

APPLICATION FOR THE PATENT FILED AT THE  
HEAD OFFICE 234/4, ACHARYA JAGADISH BOSE  
RAOD, CALCUTTA-20.

The dates shown in the crecent brackets are the dates  
claimed under Section 135, under Patents Act, 1970.

13-2-1998

232/Cal/98 Dr. Subodh Kumar Mukherjee. “Improvement in  
or relating to tea leaves, distorting unit, ferment-  
ing unit and drier, in the processing of tea leaves”.

233/Cal/98 Glaxo Group Ltd., and The Regents of the  
University of Michigan. “Benzimidazole deriva-  
tives” (Convention No. 60/037 992 on 13-2-97  
in U.S.A. and 9703134.8 on 14-2-97 in United  
Kingdom).

234/Cal/98 Duphar International Research B. V., “Marek's  
disease virus and vaccine”. (Divided out of No.  
919/Cal/96 antdated to 21-5-1996).

235/Cal/98 Sanyo Chemical Industries, Ltd., “Process for  
preparing flame retardant textile treating agent,  
treatment of polyester fibers/textile articles with  
such agent and flame-retarded polyester fibers/  
textile articles made thereby”.

236/Cal/98 Indian Institute of Technology. “A clock con-  
trolled sun tracking system for solar photovoltaic  
and solar thermal collectors”.

237/Cal/98 ELF Atochem North America, Inc., “Aqueous  
dispersions of polymerizable reactants and a  
water incompatible catalyst sorbed on an inorganic  
particulate carrier and polymers produced  
thereby”. (Convention No. 08/995 887 on 22-12-  
97 & 60/038,622 on 18-2-97 in USA).

238/Cal/98 PPG Industries, Inc., “Articles with photochromic  
polyurethane coating”. (Convention No. 60/  
037428 on 21-2-97 & 60/060334 on 29-9-97 and  
Nil on 2-2-98 in USA).

239/Cal/98 Pouvet S.A., “Mural female socket of the modular-  
jack type”. (Convention No. 97.02631 on  
27-2-97 in France).

16-2-1998

240/Cal/98 Sree Upendra Nath Barnah. “Guwahati Valve”.

241/Cal/98 1. Kawasaki Steel Corporation; 2. Taiho Indus-  
tries Co. Ltd., “Coating agent for carbonization  
chamber of coke ovens and application method  
thereof”. (Convention No. 9-046123 on 28-2-97  
in Japan).

242/Cal/98 Genesis Research and Development Corporation  
Ltd., “A method for manufacturing a protein”.

243/Cal/98 VT Zurich Marketing PTE Ltd., “A rising as-  
sembly and an apparatus for cleaning contain-  
ers”.

244/Cal/98 F. Fero Bercoqvist, “Method for producing a food  
salt product with controlled hygroscopic and ph-  
siologic properties”.

245/Cal/98 Genesis Research and Development Corporation  
Ltd., “Compounds and methods for treatment and  
diagnosis of mycobacterial infections”.

246/Cal/98 Athena Microsciences, Inc., “Heterocyclic com-  
pounds pharmaceutical compositions comprising  
same and methods for inhibiting beta amyloid  
particle release and/or its synthesis by use of  
such compounds”. (Convention No. 08/808,  
263 on 28-2-97 in USA).

- 247/Cal/98 Krone Aktiengesellschaft, "Outdoor housing". (Convention No. 19709460-0 on 7-3-97 in Germany).
- 248/Cal/98 Krone Aktiengesellschaft, "Protective plug". (Convention No. 19710183.6 on 28-2-97 in Germany).
- 249/Cal/98 Krone Aktiengesellschaft, "Arrangement of contact pairs for compensation of near-end cross-talk". (Convention No. 19708798.1 on 5-3-97 in Germany).

17-2-1998

- 250/Cal/98 Sang-Hun Han, "Pipe connecting device".
- 251/Cal/98 Japan Life Co. Ltd., "Magnet housing capsule for constructing magnetic necklaces and like magnetic product". (Convention No. 9-325403 on 11-11-97 in Japan).
- 252/Cal/98 Mitsui Chemicals, Inc., "Process for producing aromatic carboxylic acid and apparatus therefor". (Convention No. 36596/1997 on 20-2-97 in Japan).
- 253/Cal/98 Mitsui Chemicals, Inc., "Process for producing purified terephthalic acid". (Convention No. 32375/1997 on 17-2-97 in Japan).
- 254/Cal/98 Steag Microtech GMBH, "Device and method for the treatment of substrates in a fluid container". (Convention No. P19706072.2 on 17-2-97 in Germany).
- 255/Cal/98 E. I. Du Pont De Nemours and Co., "Heteroaryl azole herbicides". (Convention No. 60/039,544 on 11-3-97 in USA).
- 256/Cal/98 Metallgesellschaft Aktiengesellschaft, "Method of transporting scavenging air for at least one bag filter". (Convention No. 19741514.8-23 on 20-9-97 in Germany).
- 257/Cal/98 Sumitomo Chemical Co. Ltd., "A method for purifying O, S-dimethyl N-acetylphosphoramidothioate" (Divided out of Appn. No. 1083/Cal/1995 antedated to 11-9-95).

18-2-1998

- 258/Cal/98 Dr. Bishnu Pada Sen, "Removal of arsenic from drinking water".
- 259/Cal/98 Andritz-Patentverwaltungs-Gesellschaft M. B. H., "Screening rake". (Convention No. 29703713.7 on 1-3-97 in Germany).
- 260/Cal/98 Battelle Memorial Institute, "Controlled release device for the preservation of wooden structure proximate soil and a method of making such device".
- 261/Cal/98 Battelle Memorial Institute, "Barrier preventing wood pest access to wooden structures and method of making such barrier".
- 262/Cal/98 1. Hitachi, Ltd., 2. The Tokyo Electric Power Co. Inc., "Insulated type switchgear device". (Convention No. 9-51705 on 6-3-97 in Japan).
- 263/Cal/98 Mitsubishi Denki Kabushiki Kaisha, "Color cathode ray tube panel". (Convention No. 39020/97 on 24-2-97; 234586/97 on 29-8-97 and 305914/97 on 7-11-97 in Japan).
- 264/Cal/98 Hewlett-Packard Co., "Light source for projection display". (Convention No. 08/882,243 on 25-6-97 in USA).

19-2-1998

- 265/Cal/98 Alza Corporation, "Self adjustable exit port" (Convention No. 60/035,607 on 24-3-97 in U.S.-A.).

- 266/Cal/98 Tanabe Seiyaku Co. Ltd., "Process for preparing optically active trans-3-substituted glycidic acid ester". (Convention No. 43378/1997 on 27-2-97 & 341668/1997 on 11-12-97 in Japan).

- 267/Cal/98 David E. SISK., "Preamsembled fluidizing device having expansive air passage stimulating enhanced flow of granular materials in tank trailers and containers". (Convention No. Nil on 16-1-98 in US).

- 268/Cal/98 Kabushiki Kaisha Meidensha., "Noxious component removal process and noxious component removal agent therefor". (Convention No. 9-38726 on 24-2-97 in Japan).

- 269/Cal/98 Merck Patent Gesellschaft Mit Beschränkter Haftung, "Done replacement material with a surface coating of peptides with the RGD amino acid sequence". (Convention No. 19706667.4 on 20-2-97 in Germany).

- 270/Cal/98 Nokia Telecommunications OY, "Method and system for performing handover in a mobile communication system".

- 271/Cal/98 Siemens Aktiengesellschaft, "Turbine blade and use in a gas turbine plant". (Convention No. 19706760.3 on 20-2-97 in Germany).

- 272/Cal/98 Siemens Aktiengesellschaft, "Method and communication network for putting in readiness of announcements" (Convention No. 19707060.4 on 21-2-97 in Germany).

- 273/Cal/98 University of South Australia, "Filter with counter flow clearing".

## COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form-14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months given notice to the Controller of Patents at the appropriate office on the prescribed Form-15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and International Classification.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the patent office, Calcutta or the appropriate Branch Office on payment of the prescribed copying charges which may be ascertained on application to that office. Photo copying charges may be calculated by adding the number of pages in the specification and drawing sheets mentioned below against each accepted specification and multiplying the same by two to get the charges as the copying charges per page are Rs. 2/-.

## स्वीकृते सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बन्ध आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अधिक ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर अर्जित एक महीने की अवधि से अधिक न हो, के भीतर कमी भी नियंत्रक, एकत्र की उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध संबंधी लिखित वक्तव्य उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

“प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर-राष्ट्रीय वर्गीकरण के अनुरूप है।”

रूपांकन (चित्र आरखों) की फॉर्म प्रतियां यदि कोई हों, के साथ विनिर्देशों की अंकित अथवा फॉर्म प्रतियां की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिस उक्त कार्यालय से पत्र व्यवहार द्वारा सुनिश्चित करने के उद्देश्य से उसकी अदायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरखों कागजों की जोड़कर उसे 2 से गुणा करके, (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है।

CL : 128 K

180921

Int. Cl. : A 61 B 17/32.

A DISSECTOR BLADE ASSEMBLY FOR FORMING A GENERALLY CIRCUMCORNEAL INTERLAMELLAR CHANNEL IN AN EYE.

Applicant : KERA-VISION INC., OF 2334 WALSH AVENUE, SANTA CLARA, CALIFORNIA 95051, UNITED STATES OF AMERICA.

Inventors :

1. LOOMAS, BRYAN.
2. DAVENPORT, JAMES.
3. MATHIS MARK.

Application No. 203/Cal/1993 filed on 8th April, 1993.

Appropriate Office for Opposition Proceedings (Rule 3, Patent Rules 1972), Patent Office, Calcutta.

## 15 Claims

A dissector blade assembly suitable for forming a generally circumcorneal interlamellar channel in an eye comprising :

a blade (66) having a cross-section, which blade is in the form of a major arc such as herein described having a diameter in a plane about an axis perpendicular to that plane, having a dissecting end and a blade support end, and

a blade support (84) attached to the blade support end in which the blade support is at an angle of upto 80° to the plane of the blade,

and if desired additionally comprising a dissector barrel (64).

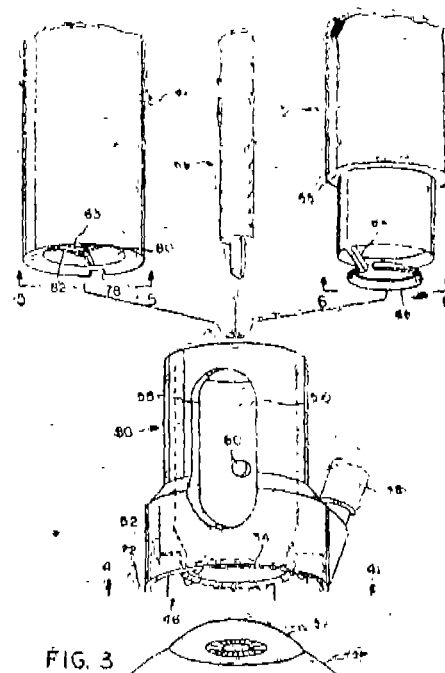


FIG. 3

Compl. Specn. : 23 pages;

Drgns. : 11 sheets.

Cl. : 128 G

180922

Int. Cl. : A 61 F 5/46.

METHOD FOR MANUFACTURING AN IMPROVED BIRTH CONTROL DEVICE.

Applicant : McNEIL-PPC, INC., OF VAN LIEW AVENUE, MILLTOWN, NEW JERSEY 08850, USA.

Inventors :

1. PETER BRILLION,
2. PATRICIA FLANAGAN,
3. WILLIAM P. HART,
4. DEBORAH LINKIN.

Application No. 502/Cal/1993 filed on 1st September, 1993.

Appropriate Office for Opposition Proceedings (Rule Patent Rules 1972), Patent Office, Calcutta.

## 6 Claims

A method for manufacturing an improved birth control device comprised of water-soluble, lyophilized foam and a contraceptive said method comprising the steps of :

- a. forming an aqueous dispersion comprising said contraceptive and at least one water-soluble polymer;
- b. providing a continuous, enclosed mixer capable of operating under pressure to foam the dispersion, said continuous mixer comprising a pump, a mixing chamber, a mixer assembly having a rotor, a gas inlet, an outlet for the foamed dispersion, means to measure a pump speed, a rotor speed, a flow rate and pressure of an incoming gas, and means to measure a back pressure of the foamed dispersion;
- c. selecting a target density for the foamed liquid dispersion, and a target dosage of contraceptive for said device;
- d. setting a pump speed;
- e. setting a rotor speed;

- f. setting a pressure and flow rate for an incoming gas;
- g. increasing the viscosity of said dispersion of step (a) until it has a viscosity sufficient to foam;
- h. transferring said dispersion to said mixer, and then foaming said dispersion until the density of the dispersion is substantially equal to the target density;
- i. measuring the back pressure of the foamed dispersion;
- j. placing said foamed dispersion into a receptacle of known volume; and
- k. lyophilizing said dispersion to produce a lyophilized foam; whereby the dosage of contraceptive in the lyophilized foam is substantially equal to the target dosage.

Compl. Specn. : 30 Pages;

Drgns. : Nil.

Ind. Cl. : 32 E

180923

Int. Cl. : C 08 F 2/34, 10/12.

# PROCESS FOR THE PREPARATION OF ETHYLENE HOMOPOLYMERS AND (CO) POLYMERS HAVING A BROAD MOLECULAR WEIGHT DISTRIBUTION.

Applicant : MONTELL TECHNOLOGY COMPANY BV., OF HOEKSTEEN 66, 2132 MS HOOFFDORP, THE NETHERLANDS.

Inventors :

1. ILLARO CUFFIANI,
2. MARIO SACCHETTI,
3. GIANNI PENNINI.

Application No. 775/Cal/1993 filed on 9th December, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules 1972), Patent Office, Calcutta.

16 Claims

Process for the preparation of ethylene homopolymers and copolymers having a broad molecular weight distribution, said copolymers containing up to 20% by mole of  $\alpha$  olefin  $\text{CH}_2=\text{CHR}$  in which R is a hydrocarbon radical having 1-10 carbon atoms, which process can be in liquid or gas phase and can be a single or a multi-step process, wherein a catalyst is used comprising the product of reaction between :

- (A) a solid component having spherical morphology comprising a titanium compound, supported on magnesium halide, which contains at least one Ti-halogen bond; said catalyst component containing groups different from halogen in an amount lower than 0.3 mole per mole of titanium and having a surface area, determined by known BET method, of lower than  $70\text{ m}^2/\text{g}$ , a total porosity, measured by the known mercury method, of higher than  $0.5\text{ cm}^3/\text{g}$  and a pore radius such that at least 50% have values higher than  $800\text{ \AA}$ ;

- (B) and Al-alkyl compound.

Compl. Specn. : 22 pages

Drgns. : Nil.

Cl. : 58 C

180924

Int. Cl. : E 06 B 9/56

# A SPRING CLUTCH FOR LOWERING AND RAISING A WINDOW SHADE.

Applicant : GENERAL CLUTCH CORPORATION, OF 200 HARVARD AVENUE, STAMFORD, CONNECTICUT 06902 UNITED STATES OF AMERICA.

Inventor : EDWARD T RUDE.

Application No. : 741/Cal/1993 filed on 1st December, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

20 Claims

A spring clutch for lowering and raising a window shade comprising :

a shaft;

at least first and second helically wound axially mounted springs having first and second ends for making frictional contact with the shaft ;

first engaging means corresponding to each of said at least first and second springs for selectively applying a tightening force to one of said ends of each of said springs for inhibiting rotation thereof with respect to said shaft;

second engaging means for selectively applying a loosening force to the other of said ends of each of said springs for promoting rotation thereof with respect to said shaft;

wherein each of said first engaging means is radially and symmetrically disposed about said shaft for substantially eliminating radial bearing forces.

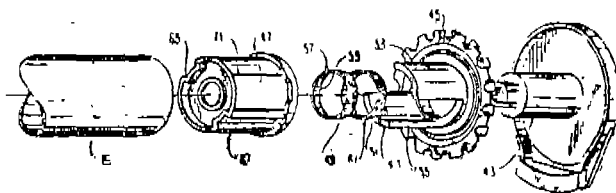


FIG. 7

(Compl. Specn. : 24 pages;

Drgns. : 8 sheets)

Cl. : 32 F 3 C

180925

Int. Cl. : C 07 C 31/20

# A PROCESS FOR THE MANUFACTURE OF ETHYLENE GLYCOL.

Applicant : MOBILE PROCESS TECHNOLOGY, INC., OF 2070 AIRWAYS BOULEVARD, MEMPHIS, TENNESSEE 38114 UNITED STATES OF AMERICA.

Inventors :

1. FRANK SMYTHE CRAFT SR
2. MICHAEL DEAN KELLY

Application No. : 119/Cal/1994 filed on 25th February, 1994.

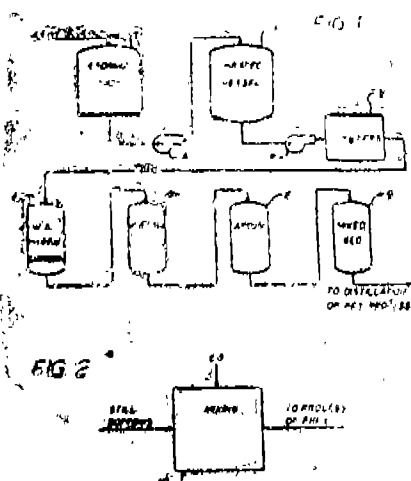
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

A process for the manufacture of ethylene glycol from spent glycol obtained in the manufacture of polyethylene terephthalate, said spent glycol containing metal oxide catalysts, cation impurities and anion impurities, low molecular weight terephthalate oligomers, ethylene glycol and diethylene glycol, said process comprising the steps of :

- (a) raising the temperature of said spent glycol to  $50^{\circ}\text{C}$ — $160^{\circ}\text{C}$  to solubilize said low molecular weight terephthalate oligomers;
- (b) passing said spent glycol of step (a)  $50^{\circ}\text{C}$ — $160^{\circ}\text{C}$  through an ion exchange medium such as herein described for removing said metal oxide catalysts; and

(c) distilling said spent glycol of step (b) by known methods to recover ethylene glycol.



(Compl. Specn. : 16 pages;

Drgns. : 1 sheet)

Cl. : 86 B

180926

Int. Cl. : A 47 C 1/025

AN ADJUSTING DEVICE FOR ATTACHMENT TO A SEAT.

Applicant : AMEU MANAGEMENT CORP. OF P.O. BOX 7412 PANAMA, PANAMA.

Inventor : KNUD KLINGLER.

Application No. : 279/Cal/1994 filed on 19th April, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

An adjusting device for attachment to a seat for adjusting the height and/or curvature of an elastically flexible supporting element (4) of said seat for the lumbar vertebrae of a seated person which supporting element is fitted in the frame (1) of a back rest of said seat, said adjusting device comprising a gear (12) with a worm (14), a worm wheel (15), a pinion (16), a toothed component and a drive (9), characterised in that the gear (12) is connected directly to the drive with its rigid output shaft (13) carrying the worm (14) engaging with the worm wheel (15); the pinion (16) is secured axially in the worm wheel (15) and is in tooth engagement with a cog (17) in a plane parallel to the worm wheel (15); at least one reel (21) is arranged on the cog (17) to which one end of the traction wire (23) of a Bowden gear (24) is windably secured; and the cog (17) comprise a web (34) which acts to limit the movement of the cog (17) with stop surfaces of a stop member (35) in the housing (11) of the gear (12).

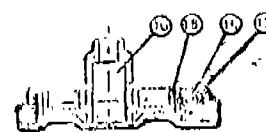


FIG. 3

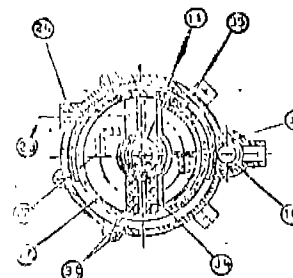


FIG. 4

(Compl. Specn. : 11 pages;

Drgns. : 3 sheets)

Int. Cl. : 172 C 49

180927

Int. Cl. : D 01 H 5/26, 5/50, 5/70

TOP ROLLER CARRIER FOR THE DRAFTING SYSTEM ROLLING MILL OF A SPINNING MACHINE.

Applicant : SKF TEXTILMASCHINEN-KOMPONENTEN GMBH, OF LOWENTORSTRASSE 68, D-70376 STUTTGART, GERMANY.

Inventors :

(1) GERHARD KREHL,

(2) HEINZ MULLER.

Application No. 794/Cal/1994 filed on 28th September, 1994.

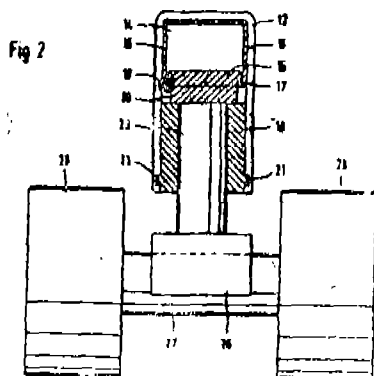
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

Top roller carrier for the drafting system rolling mill of a spinning machine, wherein the top rollers (28, 48) are positioned in holders (26, 46) of sliders (18-20), said sliders being longitudinally displaceable in the housing of the hollow carrier, at least one elastic hollow body (14, 14') being arranged in said housing, which hollow body (14, 14') can be filled up with a pneumatic or hydraulic compression medium such as gas, said hollow body having a cross-section matching with the cross-section of the hollow space in said carrier-housing, and said hollow body exerting a load-pressure on at least one of the top rollers (28), by means of a respective thrust plate (30, 30') which thrust plate is connected with a said holder (26, 46), characterized in that

said at least one hollow body (14, 14') has a strengthened bottom plate (15, 15') whose two lateral edges are at a distance from the lateral walls of the carrier housing, said distance being at least double the thickness of the lateral walls (16, 16') of the elastic hollow body (14, 14') adjacent the bottom plate;

said lateral walls are roller membrane walls, and the maximum width of at least one of the thrust plates (30, 30') which is loaded by elastic hollow body, is not more than the width of the reinforced bottom plate (15, 15') of the hollow body (14, 14').



(Compl. Specn. 14 Pages;

Drgns. 3 Sheets)

Ind. Cl. : 47 C

180928

Int. Cl. : B 09 B 3/00; C 10 B 57/14, 57/16.

#### PLANT FOR THERMAL WASTE DISPOSAL.

Applicant : SIEMENS AKTIENGESELLSCHAFT, OF WITTELSBACHERPLATZ 2, 80333 MUENCHEN, GERMANY.

Inventors :

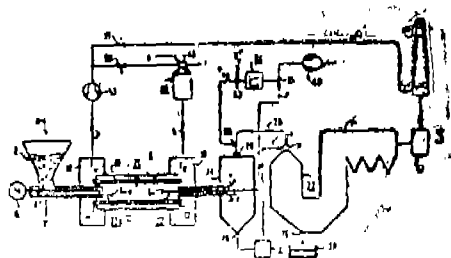
- (1) KARL MAY,
- (2) DR. HERBERT TRATZ,
- (3) REINER ENGELHARDT.

Application No. 460/Cal/1994 filed on 17th June 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 8 Claims

Plant for thermal waste disposal having a pyrolysis reactor (8), which is provided with a first heating device (20) for indirect heating of the waste (A) within the pyrolysis reactor (8), which is provided with a second heating device (22, 22a) for the direct heating of the waste (A) within the pyrolysis reactor (8) by air feed, and which converts the waste (A) into low temperature carbonisation gas (S) and solid pyrolysis residue (r), and having a high temperature reactor (32) in which the low temperature carbonisation gas (s) and/or the pyrolysis residue (r) are burnt, characterised in that the first heating device (20) comprises at least one burner device (46) fed with air (1) and a fuel (b) or a heat exchanger (70) which is arranged on the high temperature reactor (32), or a steam air preheater (80) which is connected to a superheater (82) in the high temperature reactor (32).



(Compl. Specn. 15 Pages;

Drgns. 3 Sheets)

CL : 80 F

180929

Int. Cl. : B 01 D 39/16.

#### FILTER MEDIA FOR WATER FILTER.

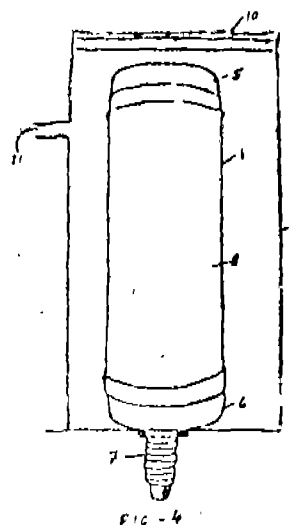
Applicant & Inventor : RAM NATH CHOWDHURY, OF 49/2, RAM MOHAN MUKHERJEE LANE, HOWRAH-711 002, WEST BENGAL, INDIA.

Application No. 303/Cal/1994 filed on 27th April, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 3 Claims

Filter media comprising a vertically disposed slotted cylindrical body whose top end is screw fitted to a top flange and the bottom end to a bottom flange, an externally screw threaded pipe integrally fitted to the bottom flange, the said cylindrical body being wrapped by a flexible micro-porous sheet of polypropylene wherein, the pore size of the said flexible sheet is less than 1 micron and also wherein the said slotted cylindrical body, the top flange and the bottom flange are made of thermoplastic material.



(Compl. Specn. 5 Pages;

Drgns. 2 Sheets)

CL : 32 F (2b)

180930

Int. Cl. : C 07 D 473/34

#### A METHOD OF PREPARING PURINE DERIVATIVE.

Applicant : FURO-CELTIQUE S.A., OF 122 BOULEVARD DE LA PETRUSSE LUXEMBOURG.

Inventors :

- (1) DAVID CAVALIA,
- (2) PETER HOFFER,
- (3) ANDRE GEHRIG,
- (4) PETER WINTERGEST.

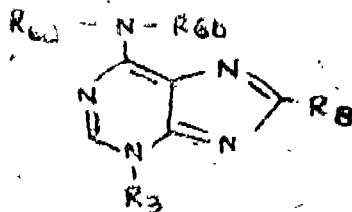
Application No. 1508/Cal/1995 filed on 23rd November, 1995.

(Divided out of Appln. No. 514/Cal/1994 antedated to 30-06-1994):

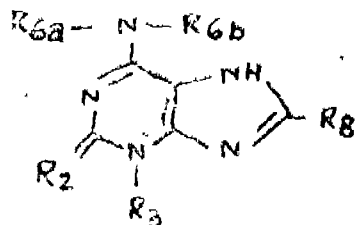
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 4 Claims

A method of preparing purine derivatives of formula I:



comprising reacting the compound of formula II



with hydrogen in the presence of a metal catalyst such as herein described and in the presence of a solvent selected from the group consisting of an alcohol, a hydrocarbon, and water in a manner as herein described.

(Compl. Specn. 57 Pages;

Drngs. 1 Sheet)

Ind. Cl. : 32 F<sub>2</sub> (C)  
189 [LXVI(9)]

180931

Int. Cl. : A 61 K, 7/46

#### A PROCESS FOR THE PREPARATION OF A PERFUME.

Applicant : HINDUSTAN LEVER LTD., 165/166, BACKBAY RECLAMATION, BOMBAY-400 020, MAHARASHTRA, INDIA.

Inventor : PAUL NICOLAS DAVEY.

Application No. 415/Bom/1993 filed on Dec. 8, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Mumbai-13.

## 2 Claims

A process for the preparation of a perfume which comprises adding at least 0.01% by weight of one or both of the ethernitriles 3-(-2-methylbut-1-oxy)-2-methylpropionitril and 3-(3-methylbut-1-oxy)-2-methylpropionitril to other fragrance materials.

(Complete Specification : 9 Pages;

Drawings : Nil)

Ind. Cl. : 170 A

180932

Int. Cl. : C.11 D - 3/386

#### DETERGENT COMPOSITION IN THE FORM OF A SHAPED SOLID ARTICLE.

Applicants : HINDUSTAN LEVER LIMITED HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, BOMBAY-4002020, MAHARASHTRA, INDIA.

Inventors :

- (1) ARTHUR GEORGE LEIGH.
- (2) GRAHAM WALKER.

Application No. 40/Bom/94 filed on 03-02-94, UK priority date : 05-02-93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Mumbai-13.

## 8 Claims

A detergent composition in the form of a shaped solid article and which includes a non-soap detergent active material, a detergency builder, the enzyme Papain and at least one activating agent for said enzyme, the composition being formulated such that it generates a pH of less than 10 when mixed with distilled water in composition ; water weight ratio of 2.5 : 97.5 and allowed to dissolve as completely as possible at a temperature of 22°C.

(Complete Specification : 19 Pages;

Drawing : Nil)

Ind. Cl. : 63 A<sub>3</sub> [LVII(1)]  
69 A [LIX(1)]

180933

Int. Cl. : G 05 B - 9/00

#### SINGLE PHASE INDUCTION MOTOR SAFETY CONTROLLER.

Applicants : CONDYNE TECHNOLOGY, INC., 477 COMMERCE WAY, 103, LONGWOOD, FLORIDA 32750, U.S.A.

Inventor : GARY CLUADE HEATH.

Application No. 49/Bom/1994 filed on Feb. 14, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Mumbai-13.

## 12 Claims

An electronic control apparatus for an alternating current (AC) induction motor comprising :

a means for sampling voltage input provided by an electrical source to the motor, said means being connected to an input line from the electrical source;

a means for rectifying the sample voltage input taken from the electrical source to yield a rectified output voltage; and

a means for comparing the rectified voltage to a reference voltage provided by a regulator.

(Complete Specification : 16 Pages;

Drawings : 4 Sheets)

Ind. Cl. : 83 B<sub>5</sub>

180934

Int. Cl. : A 23 G - 9/00

#### A PROCESS FOR PREPARING REPRODUCIBLE AMOUNTS OF AN AERATED DEFORMABLE COMPOSITION.

Applicants : HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE 165/166 BACKBAY RECLAMATION, MUMBAI-400 020, MAHARASHTRA, INDIA.

Inventor : GARY NORMAN BINLEY.

Application No. 73/Bom/94 filed on 02-03-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Mumbai-13.



## 3 Claims

A process of preparing reproducible amounts of an aerated reformable composition as herein described comprising the steps of :

- (i) introducing said aerated composition under pressure into a first volume to form a compressed aerated composition,
- (ii) allowing said first volume of compressed aerated composition to expand to a second volume thereby varying the viscosity and lowering the pressure of the aeration to ambient pressure; and
- (iii) dispensing said second volume of aerated composition to form dispensing aerated composition.

Comp. Specn. 7 Pages ;

Drgs. 1 Sheet)

nd. Cl. : 129 C, G [XXXV] ,

180935

nt. Cl. : B 23 P - 15/32

A DRILL GRINDING MACHINE TO GENERATE SIX FACETED DRILL POINTS AND A DRILL WITH SIX FACETED DRILL POINT.

Applicant & Inventor : ASHOK NAMDEO GOKHALE,  
32, SANGAMNAGAR, PUNE-SATARA ROAD, PUNE-  
411 037, MAHARASHTRA, INDIA.

Application No. 115/Bom/1994 filed Mar. 25, 1994.

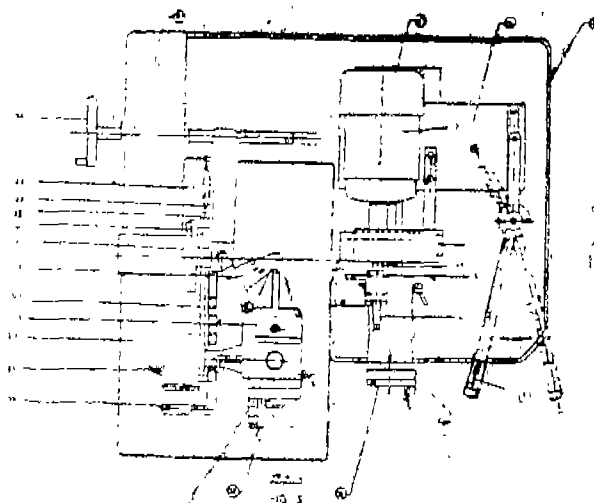
Appropriate Office for opposition proceedings (Rule 4,  
Patents Rules 1972), Patent Office Branch, Mumbai-13.

## 3 Claims

A drill grinding machine to generate six faceted drill point comprising :

- (i) A swivel head assembly mounted on, table assembly having an indexing plate on its shafts.
- (ii) the said shaft provided with a drill chuck assembly with balance weight by means of 'H' X link and guided on a guide rod by means of linkage;
- (iii) the said indexing plate moving three positions holes/slots engaged by a spring biased pin controllable by a handle for swivel said chuck assembly in three angular positions;
- (iv) the said chuck assembly adapted to hold a drill for grinding having indexing head to rotate through 180° by indexing knob means;
- (v) an electric motor with brake means carrying a grinding wheel on a shaft mounted on slide assembly with a lever and cross slide to move in X and Y direction respectively and;
- (vi) a wheel position handle provided to the said table assembly to position the said chuck assembly towards the grinding wheel.

2-7 GI/98



Comp. specn. 10 pages, Drgs. 3 sheets.

Ind. Cl. : 123 [I(u)]

180936

Int. Cl. : C 05 F - 3/00.

PROCESS FOR MANUFACTURING WATER SOLUBLE SPRAY CONCENTRATE OR EARTH WORM MANURE SUCH AS GIBBERELIC ACID.

Applicant & Inventor : DILIP SHANTARAM DAHANUKAR, AN INDIAN CITIZEN, INDUSTRIAL ASSURANCE BUILDING, CHURCHGATE, BOMBAY-400 020, MAHARASHTRA, INDIA.

Application No. 125/Bom/94 filed on 28-03-94.

Appropriate Office for opposition proceedings (Rule 4,  
Patents Rules 1972), Patent Office Branch, Mumbai-13.

## 2 Claims

Process for manufacturing water soluble liquid spray concentrate earthworm manure, a plant hormone such as Gibberelic acid comprises the steps of :

- (a) cultivating a colony of earthworms in captivity in suitable containers filled with earthworm bedding material comprising compost and other semi-degraded organic materials varying from 50-80% volume of said container;
- (b) feeding the earthworm colony in said container with known earth worm diet and vitamins, and periodically watering said earthworm colony to drink water;
- (c) sieving the mass of step (b) through a slanting rotary sieve having 8-10 mm holes and rotating slowly @ 1-2 RPM whereby the wet bedding material drops down through said sieve on to through placed there below and the earthworms resist falling through the sieve and get collected at the lower end of said rotary sieve;
- (d) squeezing the wet bedding material recovered from said sieve to extract therefrom liquid containing valuable earthworm secretions to form liquid spray concentrate;
- (e) filtering the liquid concentrate of step (d) and adding less than 2% known preservatives such as sorbitol or benzoic acid and the like to said crushed bedding material being used for manuring the plants;

- (f) returning the live earthworms collected from said rotary sieve in step (c) to the containers filled with fresh bedding material and repeating the process cycle.

Comp. specn. : 7 pages; drg. : Nil.

Ind. Cl. : 94 C

180937

Int. Cl. : B 02 C - 7/06, 7/14, 7/18.

#### AN IMPROVED FLOUR MILL.

RAMESHBHAI MOHANBHAI HARSORA, INDIAN NATIONAL TRADING UNDER THE NAME AND STYLE OF PARESH ENGINEERING WORKS A SOLE PROPRIETORY CONCERN OF GADHECHI ROAD, KUMBHARWADA CIRCLE, BHAVNAGAR-346 006, GUJARAT STATE, INDIA.

Inventor : PRAVINBHAI MOHANBHAI HARSORA.

Application No. 139/Bom/94 filed on 07-04-94.

Appropriate Office for opposition proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Mumbai-13.

#### 5 Claims

An improved flour mill, comprising :

- a main body member consisting an inlet opening and an outlet opening;
- a stationary grinding stone consisting an axial slot having an auxiliary extension, being rigidly mounted within the said main body such that the said inlet opening of the main body and the auxiliary extension of the axial slot are in communication;
- a rotary grinding stone consisting a slot, spaced apart from the said stationary grinding stone and the main body wall, and positioned within the said main body, such that the grinding surfaces of the stationary and rotary grinding stones are face-to-face;
- a rotary shaft passing through the said slots of the stationary and rotary grinding stones, supported on a pair of bearings, the said rotary grinding stone being rigidly connected to the said rotary shaft and is rotatable therewith;
- a pressure screw, a thrust nut and a pressure wheel provided with the said shaft for axial adjustment to move the rotary grinding stone for adjusting the space between the grinding surfaces of the stationary and rotary grinding stones;
- a hopper member positioned slightly above the said inlet opening of the main body and its outlet being in communication with the inlet being in communication with the inlet opening of the main body;
- characterized in that the said rotary shaft includes a conveyor means adapted to locate within the said axial slot of the stationary grinding stone for conveying granular materials between the grinding surfaces of the said stationary and rotary grinding stones, and being exposed in the said extension of the axial slot;
- an auxiliary chamber in communication with the said extension of the axial slot and outlet of the hopper member; and
- the said auxiliary chamber consisting feed regulating means for regulating flow of granular materials into the space between the stationary and rotary grinding stones.

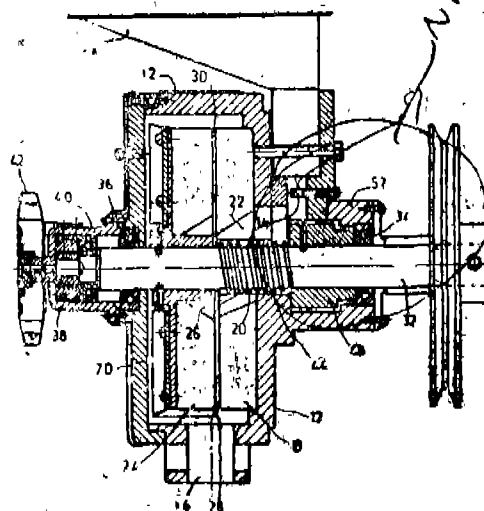


FIG. 1

Comp. specn. : 13 pages; Drgs. : 7 sheets.

Ind. Cl. : 40 B Gr. [IV (1)]

180938

Int. Cl. : B 01 J - 21/12, 21/16, 25/02.

#### SUPPORTED NICKEL CATALYST AND A PROCESS FOR PREPARING THE SAME.

Applicant : HINDUSTAN LEVER LIMITED, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1913, AND HAVING ITS REGISTERED OFFICE AT HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, MUMBAI-400 020, MAHARASHTRA, INDIA.

Inventors : (1) KHANDERAO DEORAO GHUGE, (2) AYODHYANATH BHAT, (3) GANGUNDI PRAKASH BABU, (4) SADGURU MANMOHAN KULKARNI.

Application No. 159/Bom/94 filed on 12-5-94.

Complete after provisional left on 12-05-95.

Appropriate Office for opposition proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Mumbai-13.

#### 12 Claims

A supported nickel catalyst, comprising 20—30% by wt. of nickel supported on silica, alumina or silica/alumina, 30—60% by wt. of a hardened oil and 10—39% by wt. of a filler.

Prov. specn. : 9 pages, Drgs. Nil.

Comp. specn. : 11 pages; Drgs. : Nil.

Ind. Cl. : 55 A+E<sub>2</sub>

180939

Int. Cl. : A 61 K 7/12.

#### ANTIPERSPIRANT COMPOSITIONS.

Applicant : HINDUSTAN LEVER LIMITED; 165/166, BACKBAY RECLAMATION, BOMBAY-400 020, MAHARASHTRA, INDIA.

Inventors : (1) FRANCIS JOHN LENG, (2) DAVID TERENCE PARROTT, (3) JACQUELINE DIANE.

Application No. 176/Bom/1994 filed on April 26, 1994.

Appropriate Office for opposition proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Mumbai-13.

## 13 Claims

An antiperspirant composition suitable for topical application to human skin comprising an antiperspirant active which comprises at least one amphiphilic material, the antiperspirant active comprising from 5 to 95% of the total composition being one which forms, upon contact with perspiration, a water-insoluble liquid crystal phase of greater than one-dimensional periodicity, in a cosmetic vehicle comprising 50 to 90% by weight of a volatile silicone, and containing less than 10% by weight of the total composition of the short chain monohydric alcohol.

Comp. specn. : 26 pages; Drgs. : 2 sheets.

Ind. Cl. : 87 A [XL II (4)] 180940

Int. Cl. : A 61 H - 1/02, A 63 B - 69/06.

## MULTI-PURPOSE EXERCISER.

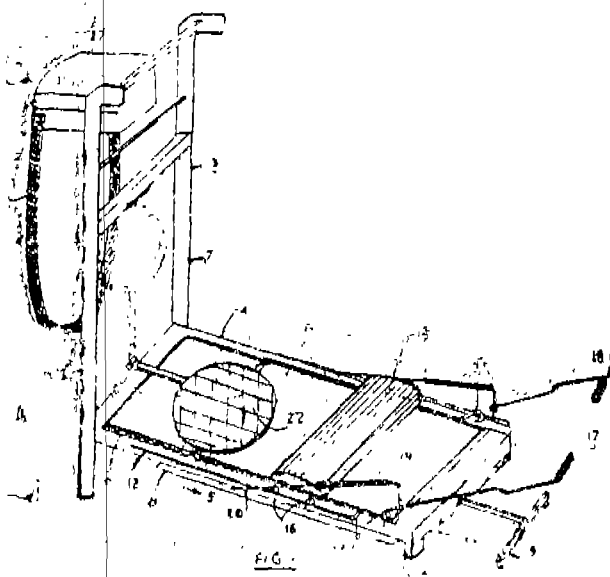
Applicant & Inventor : SHRI HEMANT SHOHANI & MRS. SMITA SHIRALKAR SHIRALKAR UDYOGI, PUNE-BANGALORE ROAD, MALKAPUR, KARAD-415 110, MAHARASHTRA, INDIA.

Application No. 190/Bom/94 filed Apr. 29, 1994.

Appropriate Office for opposition proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Mumbai-13.

## 1 Claim

Multi purpose exerciser comprising two strong and sturdy frames, first being vertical to which second rectangular frame downwardly slanting is fixed; the said second frame having plurality of rollers carrying an endless belt freely and rotatably supported on the side components of the said second frame, pair of rails fixed to the said side components of the second frame receives a sliding seat having grooved wheels engaging in the said rails and capable of moving in forward and reverse direction with the help of two handles which are connected to respective gas springs attached to the said side members; the foldable seat is attached to the said vertical frame and a vibrator unit is supported on the top of the said vertical frame having a strip belt attached to the said vibrator unit.



omp. specn. : 6 pages; Drgs. : 1 sheet.

Ind. Cl. : 201 D Gr. [II (4)]

180941

Int. Cl. : C 02 F-1/36.

## WATER PURIFICATION APPARATUS.

Applicants : VORTEX CORPORATION, 10, RIDGE-CREST DRIVE PRESCOTT, ARIZON 86301, UNITED STATES OF AMERICA, A U. S. A. COMPANY.

Inventor : ROLF ENGELHARD.

Patent Application No. 202/Bom/94 filed on 09-05-94.

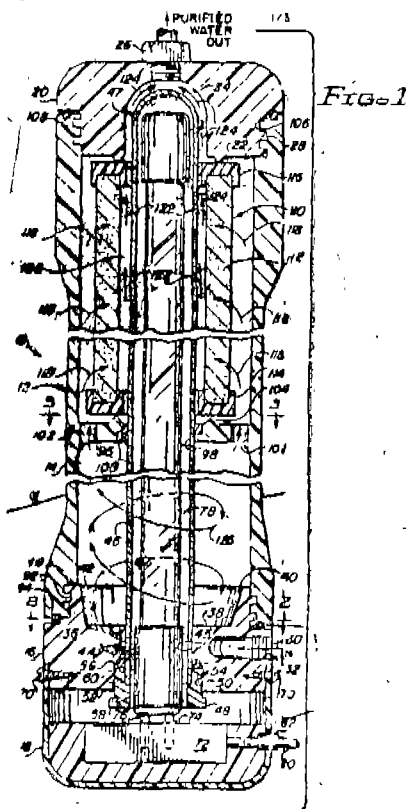
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Mumbai-13.

## 16 Claims

A water purification apparatus comprising in combination :—

- (a) a sleeve member<sup>11</sup> having first and second end portions separated by radial flange<sup>80</sup>;
- (b) a source 78 of UV radiation for killing microorganisms present in the water to be purified, said UV source being disposed within said sleeve member and having first and second end sections;
- (c) an inlet member 16 disposed in said first end portion of said sleeve member for introducing unfiltered water into a first space defined by said first end portion of said sleeve member and said first end section of said UV radiation for killing microorganisms and to produce irradiated unfiltered water;
- (d) a filter element<sup>100</sup> located in said second end portion of said sleeve member and disposed proximate said second end section of said UV source and having an inner surface juxtaposed with said second end section of said UV source and said inner surface of said filter element for irradiating filtered irradiated water flowing into and through said second space; said filter element including an outer surface;
- (e) inlet means<sup>90</sup> to said-inlet member for introducing the irradiated unfiltered water to said outer surface of said filter element.
- (f) sealing means<sup>104</sup> to said flange for preventing direct flow of unfiltered irradiated water from said first space to said second space and passage way means for directing flow of irradiated unfiltered water from said first space through said filter element into said second space to filter the irradiated unfiltered water flowing through said filter element and to produce filtered irradiated water irradiated water flowing into said second space; and
- (g) a top member 20 having depression sized sufficiently greater than top end of said UV Source for free flow of water adjacent to said UV source and having

an outlet means for discharging from said apparatus the filtered twice irradiated water irradiated within and flowing through said second space.



(Compl. Specn. 22 pages;

Drngs. 3 sheets.)

Ind. Cl. : 67 C

180942

Int. Cl. : H 04 L-25/49..

A DEVICE FOR PARALLEL PORT COMMUNICATION.

Applicants & Inventor : SNEHIT M. CHERIAN, SHEETAL APARTMENTS OPP CHANDAN JUHU, MUMBAI-400 049, INDIAN BY NATIONALITY.

Application No. 204/Bom/94 filed on 10-5-94.

Complete after provisional left on 18-5-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office Branch, Mumbai-400 013.

## 2 Claims

A device for parallel port communication with at least one less than normal number of transmission lines between transmitting point comprising :

- (i) an encoding circuit at transmission point and
- (ii) a decoding circuit at receiving point,

(i) the said encoding circuit consisting of at least 4-line-input to a bistable switching circuit, having two numbers of at least 3-line-output ports with the most significant bit (msb)-input-line connected through a chip select (cs) directs the path of the remaining three lines either through the 1st of the said ports or through the 2nd of the said ports, the said 2nd port being connected to a voltage dividing circuit, AND and NOR gates to the at least 3-line-output for transmission in tri-state state,

(ii) the said decoding circuit consists of at least 3-input lines which are the said at least 3-output-lines of the encoding circuit connected in parallel to a window detector with operational amplifiers circuit and a second bistable switching circuit having two numbers of at least 3-line-output ports with the most significant bit (msb)-input-line passing out of the said window detector with operational amplifiers circuit to the said second bistable switching circuit through a second chip select (cs), the contents of which direct the path of 3-input-lines through the second bistable switching circuit either through its 1st port or through its 2nd port which is connected to the voltage doubling circuit using transistor and comparator circuits, forming 4-line-output (in bi-state), together with the output of the said msb-input-line passing out of the said window detector and operational amplifiers

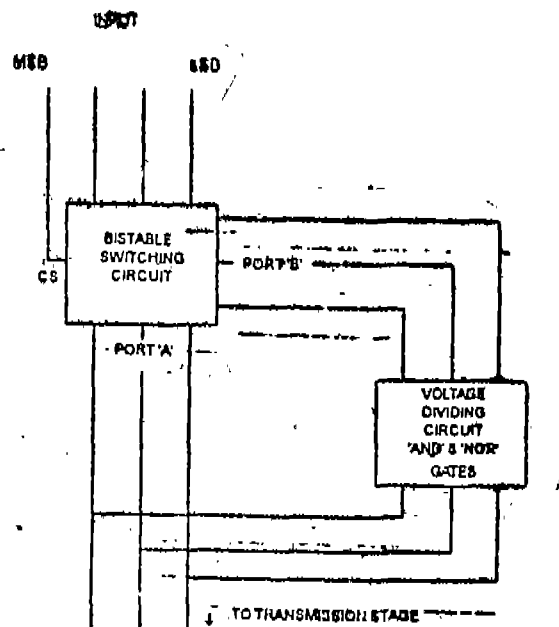


FIG. 1

(Prov. Specn. 9 pages;

Drng. 1

(Compl. Specn. 14 pages;

Drngs. 6 sheets)

Ind. Cl. : 86 B [LXVI (4)]

180,

98 I [VII (2).]

A GARDEN CHAIR..

Applicant & Inventor : SANJAY DAMODAR GHIC 83/2, VRINDAVAN HOUSING SOCIETY, 13, SMRUTI, PARVATI, PUNE-411 009, MAHARASHTRA, INDIA.

Application No. 259/Bom/1994 filed on June 7, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office Branch, Mumbai-400 013.

## 1 Claim

Garden chair or a bench is integrally provided light arrangement utilising solar energy comprising a chair or a bench sitting arrangement the back rest is extended to form a hood type structure above the head level of the person sitting in the chair, the said hoodlike structure is provided with a solar module consisting of a plurality of solar cells which are located on the dorsal side of the said hoodlike structure.

while on the ventral side there shall be provided bulbs of suitable wattage connected to the DC source generated and stored in the rechargeable battery bank placed below the said solar module.

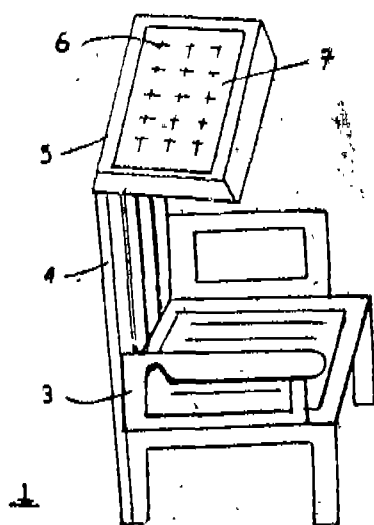


FIG. 1

(Compl. Specn. 4 pages;

Drng. 1 sheet.)

Ind. Cl. : 99F [XL]  
183 [LXVI].

180944

Ind. Cl. : A 47 G, 19/03.

A METHOD OF MANUFACTURING OF DISPOSABLE DISH MADE OF DRIED LEAVES AND THE DISPOSABLE DISH.

Applicant & Inventor : MRS GAURIBEN KAMNIBHAI VAGHELA, T/127B 32 RLY. QRS., DHARMANAGAR, SABARMATI, AHMEDABAD-380 005, GUJARAT.

Application No. 304/Bom/94 filed on Jul 1, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office Branch, Mumbai-400 013.

## 3 Claims

A method of manufacturing disposable dish made of dried leaves comprising step of :

- (i) arranging number of dried leaves to form a sheet in a geometrical shape and stitching together by herbal fibres;
- (ii) applying adhesive on the surface of the said sheet of dried leave of step i;
- (iii) pasting plastic coated paper sheet or any kind of water proof paper sheet to the said adhesives pasted sheet to form bonded sheet;
- (iv) pressing the said bonded sheet in a die mould to form multi compartment cavities to the said bonded sheet and trimming the end portions to form a disposable dish.

(Compl. Specn. 5 pages;

Drng. 1 sheet.)

Ind. Cl. : 195 C + D GR [XXIX (3)]

180945

Int. Cl. : F 16 F-25/02. 1/00.

TIGHT SHUTOFF AUTOBLEED VALVE.

Applicant & Inventors : (1) RAMESH CHUNIBHAI PATEL, (2) ASHOK GORDHANDAS AMIN AND (3) JITIN CHANDRAKANT PATEL, ALL INDIAN NATIONALS, OF YAMUNA ENGINEERING CO., 257, G.I.D.C., INDUSTRIAL ESTATE, MAKARPURA ROAD, VADO-DARA-390 010, GUJARAT, INDIA.

Application No. 328/Bom/94 filed on 15-7-94.

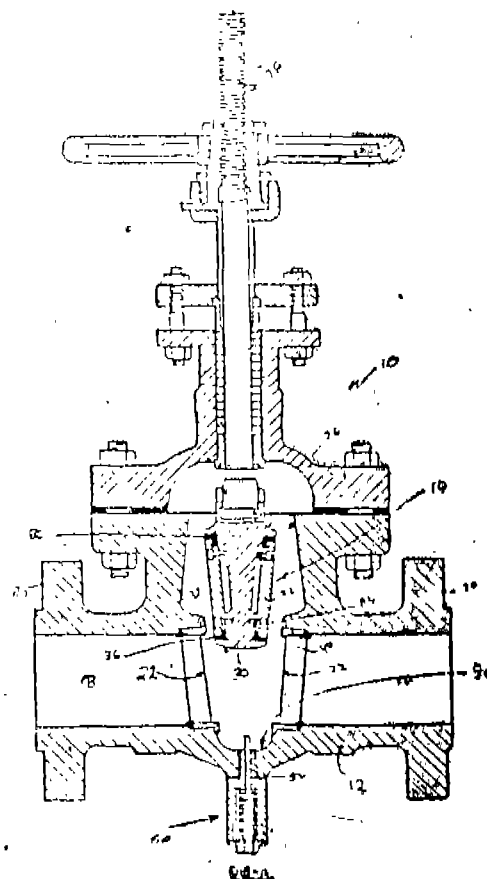
Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office Branch, Mumbai-400 013.

## 4 Claims

A tight shutoff autobleed valve comprising in combination, at least two couplings 16, 17, one of which forms an upstream coupling and the other forming the downstream coupling, the two couplings having a front face 20 and an internal face 22, the front face being coupled to the respective upstream and downstream pipelines in a known manner, the internal faces being spaced apart to define a wedge shaped space 24 between the internal faces;

a gate 14 consisting of a wedge shaped piece 26 and a threaded extended shaft 28 which can be manually displaced from an inoperative non-functional position of the valve in which fluid passes freely from the upstream to the downstream coupling to an operative functional position in which the wedge shaped gate piece is tightly located in the said wedge shaped space formed between the internal faces of the couplings, said wedge shaped gate piece consisting of a main-body 30 fitted to the end of the shaft and clamp rings 32 secured on either side of the body of the gate piece; a resilient seal ring 31 of synthetic polymeric material, typically, PIPE or viton fitted around each of the clamp rings in a seat formation formed 28 between the clamp rings and the body of the gate piece; and an extension body seat 40 secured to the corners of the internal faces of the couplings which cooperates with the clamp rings and the resilient seal to provide primary and secondary sealing between the internal faces of the couplings and the gate piece.

Fig-1.



(Compl. Specn. 10 pages;

Drngs. 3 sheets.)

Ind. Cl. : 173 A & B Gr. [XXIX] 180946  
Int. Cl. : B 05 B-5/02.

# AN IMPROVED TRIBO CHARGING GUN FOR POWDER COATING.

Applicant & Inventor : YASHWANT GOPAL GHAIAS  
INDIAN NATIONAL AT ANAND TARANG, SHIV  
PARVATI HOUSING SOCIETY, PUNE-411-038, MAHA-  
RASHTRA, INDIA

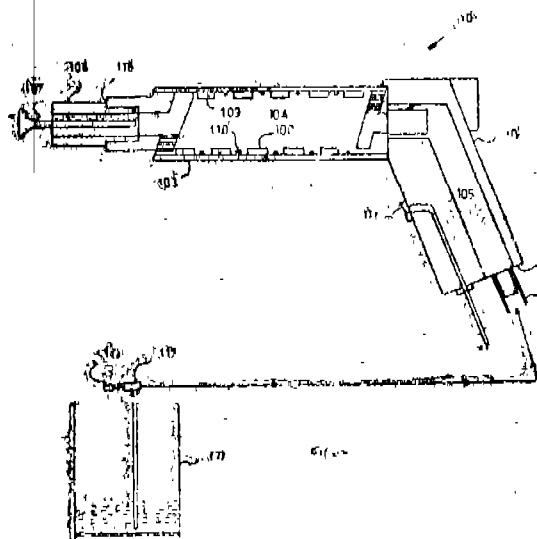
Patent Application No. 336/Bom/94 with provisional spe-  
cification filed on 21-7-94.

Complete after provisional specification filed on 14-9-94.

Appropriate Office for Opposition Proceedings (Rule 4,  
Patent Rules, 1972), Patent Office Branch, Mumbai-400 013.

## 3 Claims

An improved tribo charging gun for powder coating com-  
prises a body consisting of a barrel, a sleeve in the said barrel  
with a handle, defining a passage; a powder conveying  
means emerging in to the said barrel through its handle. a  
nozzle provided with outlet end of the said barrel) consist-  
ing of a deflector for directing the powder in the form of a  
spray; the said nozzle and the powder conveying means be-  
ing in communication through a powder path which is made  
of tribo charging material and which is helically wound  
and provided within the said sleeve in the barrel; and a discharge  
wire helically wound along with the said helically wound  
powder path, and passing along the top land thereof being  
earthed to discharge the charge accumulated on the said bar-  
rel and sleeve due to contact of the powder particles with  
inner surface of the said helically wound powder path made  
of tribo charging material.



(Prov. Specn. 8 pages; Drng. 1 sheet.)  
(Compl. Specn. 13 pages; Drngs. 2 sheets.)

Ind. Cl. : 6 B4 Gr [XLVII (1)] & 180947  
179 E, F, Gr [XL(6)]  
Int. Cl. : B. 65D-53/00; 55/08.

# A RELIABLE AND EFFECTIVE TAMPER PROOF SEAL FOR A GAS CYLINDER PARTICULARLY LIQUIFIED PETROLEUM GAS CYLINDER.

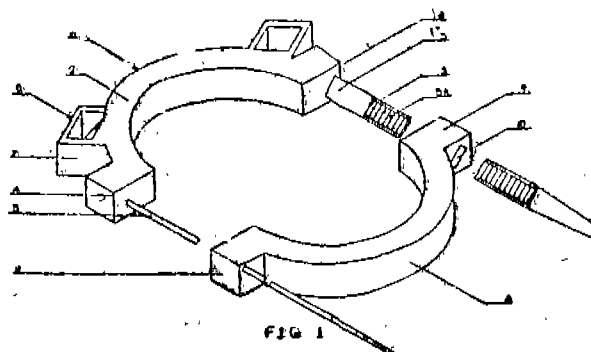
Applicant & Inventor : VINOD KUMAR AN INDIAN  
NATIONAL OF FLAT NO. 1, NEEL GAGAN, 7TH ROAD,  
SANTACRUZ EAST, MUMBAI-400 055, MAHARASHTRA,  
INDIA.

Patent application No. 363/Bom/94 filed on 08-08-94.

Appropriate Office for Opposition Proceedings (Rule 4  
Patent Rules 1972), Patent Office Branch, Bombay-13.

## 4 Claims

A reliable and effective temper proof seal for a gas cylinder  
particularly liquified petroleum gas cylinder consisting of a  
mechanically strong rigid material ring of two piece construc-  
tion comprising a male member provided with a flange at  
each end thereof having at least one tie protruding there-  
from and tie fastening means corresponding to each tie and  
a female member provided with projections at the ends there-  
in openings corresponding to the ties, the ring being adap-  
ted to be fitted around a cylindrical valve housing provided at  
the top of the cylinder underside a spanner grip around the  
valve housing in close contact therewith by threading out the  
ties through the openings and tightening the ties crisscross  
over a safety cap provided at the top of the valve housing  
and anchoring the tie ends to the fastening means, the ties  
being welded to each other at the top of the safety cap.



Complete Specification : 11 Pages, Drawings - 5 Sheets.

Ind. Cl. : 123 I (4). 180948  
Int. Cl. : C05B, 7/00.

# A PROCESS FOR THE MANUFACTURE OF LIQUID FERTILIZER.

Applicant & Inventor : DR. C. P. VIBHUTE, 126B KAD-  
ADI CHAWL, STATION ROAD, SOLAPUR, MAHARA-  
SHTRA INDIA-413 901.

Application No. 041/Bom/1994 filed Aug 19, 1994.

Appropriate Office for Opposition Proceedings (Rule 4,  
Patent Rules 1972), Patent Office Branch, Bombay-13.

## 5 Claims

A process of ammoniation of carbonate of potash follow-  
ed by neutralisation using phosphoric acid to PH herein  
described results into formation of diammonium potassium  
phosphate in viscous liquid state is defined as manufactur-  
ing process of 100% water soluble complex liquid fertiliser  
containing nitrogen, phosphorous and potassium.

Complete Specification-11 Pages; Drawings - NIL.

Ind. Cl. : 170D [XL III (4)] 180949  
Int. Cl. : C 11 D, 9/00.

# PROCESS FOR THE PREPARATION OF ACYL MONO-LACTYLATES AND THEIR METAL SALT FOR USE AS ANTIMICROBIAL AGENT.

Applicants : HINDUSTAN LEVER LTD., 165-66, BACK-  
BAY RECLAMATION BOMBAY-400 020 MAHARASHTRA  
INDIA.

Inventors : MAYARA EASWARAN NARAYANAN NAMBU DIRY, VILAS PANDURANG SINKAR, DEVADATTA SHIVAJI SANKHOLKAR VINAYAK KESHAV GORE, NAND SANMUKHDAS BHILANI, VIRENDER SINGH SHEORAIN AND VAISHALI RAMCHANDRA PRADAUDESAT.

Application No. 411/Bom/1994 filed on Aug 23, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office Branch, Mumbai-400 013.

#### 8 Claims

Method for preparin acyl (C6-622) monolactylates and if desired metal salts thereof comprising;

reacting a salt of lactic acid with acyl (C6-C22) halide at a temperature of between 25-150°C for a time of between 45 mins. to 3 hrs. to get the acylmonolactylate.

Comp. Specn. 34 pages;

Drgs. NIL.

Ind. Cl. : 5D, 173 B

180950

Int. Cl. : B 05 B19/00, 17/00.

**HAND HELD BATTERY OPERATED KNAPP SACK SPRAYER.**

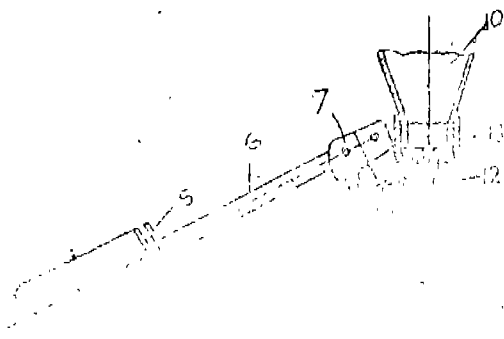
Applicants & Inventor : DILIP SHANTARAM DAHANUKAR, INDUSTRIAL ASSURANCE BLDG., CHURCH-GATE, MUMBAI-400 020, MAHARASHTRA, INDIA.

Application No. 420/Bom/94 filed Aug. 30, 1994.

Appropriate Office for Opposition Proceedings (Rule 4 Patent Rules, 1972), Patent Office Branch, Mumbai-400 013.

#### 2 Claims

Hand held battery operated knapp sack sprayer comprising a handle-cum-battery case fitted with shoulder straps and having a switch near its bottom end, other end thereof being fitted with a locking plate and a telescopic lance carrying an adjustably mounted clamp plate fitted with a high torque high speed battery operated motor fitted with a brush on its one side and a spinning disc atomizer working within a hemispherical cup forming a casing therefor and a gravity feed bottle fitted with a cap carrying a removable feed nozzle, wherein liquid flowing into from said cup being atomized by said spinning disc atomizer and sprayed wherein said brush cleaning said spinning disc atomizer during its spinning cycle and prevents it from getting clogged.



Comp. Specn. 13 pages,

Drgs. 3 sheets.

Ind. Cl. : 47 B, C, D, [XXX II (1)]

180951

Int. Cl. : C 10 J - 3/52, 3/34.

**A REDUCTION BED CONTROL SYSTEM FOR A GASIFIER AND A GASIFIER COMPRISING THE SAME.**

Applicant & Inventor : ABHAY DEO SINGH CHAUHAN, FLAT NO. 7, AANGAN APARTMENTS, BLOCK NO. 20, URMJI SOCIETY, ALKAPURI, BARODA 390 005, GUJARAT, INDIA AND DR. BHAGCHAND NATHU-LALJI JAIN, 'ANKUR', NEAR OLD SAMA JAKAT NAKA, BARODA 390 008, GUJARAT, INDIA.

Application No. 433/Bom/1994 filed on Sept. 2, 1994.

Appropriate Office for Opposition Proceedings (Rule 4 Patent Rules, 1972), Patent Office Branch, Mumbai-400 013.

#### 12 Claims

A reduction bed control system for a gasifier, comprising of atleast one rotor arm, adopted to be rotatably mounted over the grate, in substantially horizontal position, a drive shaft fitted to the said rotor arm, the free end of the said drive shaft adopted to be connected to a prime mover, preperably, through a speed reduction system for providing a desired slow continuous or intermittent rotation to the said rotor arm and the said rotor arm being fitted with a plurality of spaced apart combs/teeth.

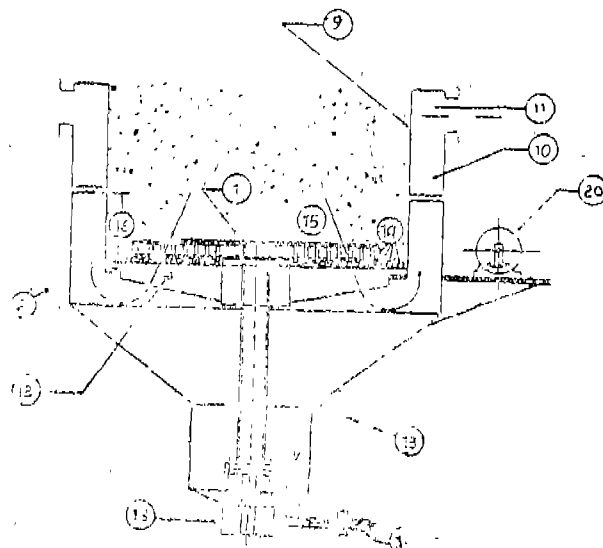


Fig. 1

Comp. specn. 22 pages,

Drgs. 2 sheets.

Ind. Cl. : 70 C4, C5, Gr. [LVIII(5)]

180952

Int. Cl. : C 25 D-5/18.

**A PROCESS AND EQUIPMENT FOR ELECTROPLATING WITH CURRENT MODULATION TECHNIQUES WITH SIMULTANEOUS ELECTROPOLISHING TO ACCOMPLISH BRIGHT ELECTROPLATED DEPOSITS WITH OPTIONAL USE OF SURFACE ACTIVE CHEMICALS.**

Applicants & Inventor : YASHWANT VISHWANATH DEVAL & VISWAS VISHWANATH DEVAL BOTH AT 15/1, KARVE ROAD, PUNE-411 004, MAHARASHTRA, INDIA, BOTH INDIAN CITIZENS.

Patent Application No. 456/Bom/94 filed on 15-09-94.

Appropriate Office for Opposition Proceedings (Rule 4 Patent Rules, 1972), Patent Office Branch, Mumbai 400 013.

#### 2 Claims

Equipment for electroplating with current modulation technique with simultaneous electropolishing to accomplish bright electroplated deposit in a single tank with optional use of surface active chemicals comprising a low rippled D. C. power supply, currents and voltage regulators connected to +ve and -ve but bars coming out of the said lowrippled DC power supply, the center tap of the said low rippled DC

power supply being one of the electrodes; while the current and voltage regulators comprise of power transistors, power field effect transistors (FET) or any power handling device, outputs of the current and voltage regulators are connected together to form the second electrode; control terminals of the current and voltage regulators are connected to the logic module being further connected to programme input panel.

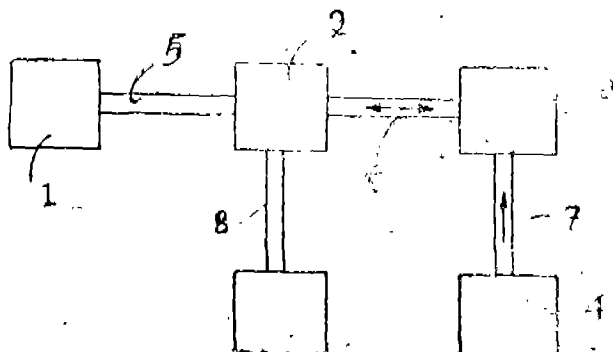


FIG 1

(Compl. Specn. 8 Pages;

Drwgs. 2 Sheets.)

Ind. Cl. : 32 F2(a) [IX (1)]

180953

Int. Cl. : C07C-127/15, 127/19.

A PROCESS FOR THE PREPARATION OF N, N'-DIETHYL-N, N'-bis (4-AMINOPHENYL) UREA.

Applicants : ATUL LIMITED, AN INDIAN COMPANY HAVING ITS REGISTERED OFFICE AT ASHOKA CHAMBERS, RASILA MARG, MITHAKHALI CROSS ROADS, ELLISBRIDGE, AHMEDABAD-380006, GUJARAT, INDIA..

Inventors :

(1) TUREL JAL MANEKJI

(2) PRAKASH BHATE

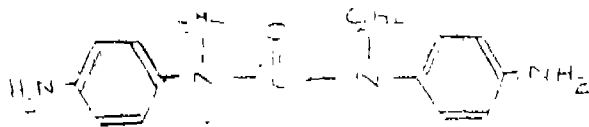
(3) BHRUCHA VIJAY RATILAL.

Application No. 520/Bom/94 filed on 28-10-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office Branch, Mumbai-400 013.

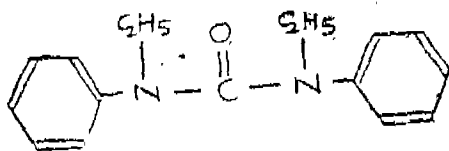
## 12 Claims

A process for the preparation of N, N'-diethyl-N, N'-bis (4-aminophenyl) urea of the formula I :



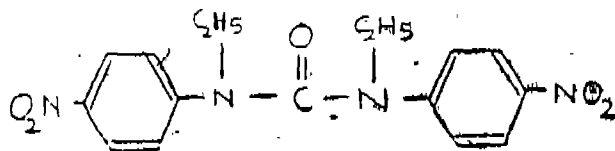
Formula I

which comprises nitrating N, N'-diethyl-N, N'-diphenyl urea of the formula II :



Formula II

with concentrated nitric acid in concentrated sulphuric acid at -10 to 45 °C followed by reduction of the resulting N, N'-diethyl-N, N'-bis (4-nitrophenyl) urea of the following formula III :



Formula III

(Compl. Specn. 11 Pages;

Drwg. Nil.)

Ind. Cl. : 174 F

180954

Int. Cl. : F16F, 5/00, 9/18.

A HYDRAULIC DOUBLE ACTING TELESCOPE SHOCK ABSORBER.

Applicant : GABRIEL INDIA LTD.; 10 PRASAD CHAMBERS, OPERA HOUSE, BOMBAY-400 004, MAHARASHTRA, INDIA.

Inventor : GIRISH DATTATRAY KARNATAKI

Application No. 534/Bom/L994 filed Nov 14, 1994.

Appropriate Office for Opposition Proceedings (Rule 4 Patent Rules, 1972), Patent Office Branch, Mumbai-400 013.

## 4 Claims

A hydraulic double acting telescopic shock absorber of the kind herein described characterised in that the guide pin<sup>14</sup> of said shock absorber is of increased length and the one end 5A of the piston rod 5 of said shock absorber locked to the one end 4A of the piston of said shock absorber in thread engagement and reinforced by thread locking adhesive, is further locked to the edge of said guide pin coaxially by thread engagement, the threads interlocking said one ends of said piston rod and piston and the threads interlocking said one end of said piston rod and edge of said guide pin being in the same direction and the pitch of the threads interlocking said one ends of said piston rod and piston being different from the pitch of the threads interlocking said one end of said piston rod and edge of said guide pin by at least 10% and the guide pin retainer 16 of said shock absorber is of increased strength to withstand the increased pulling axial forces experienced thereby from the guide pin.

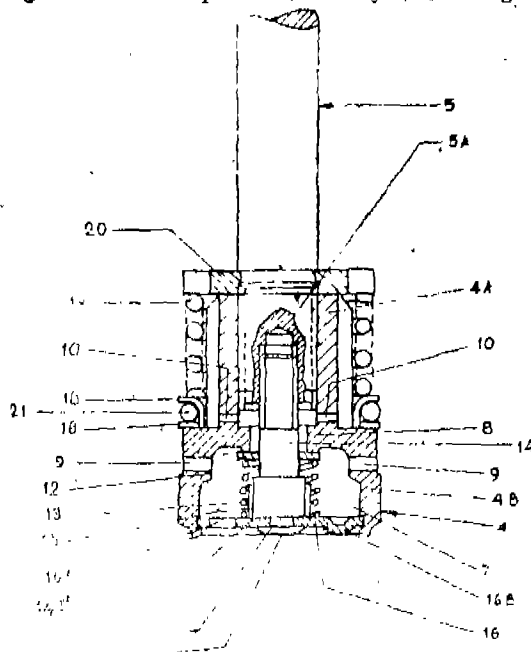


FIG 2

(Compl. Specn. 11 Pages;

Drwgs. 5 Sheets.)



Ind. Cl. : 107 G Gr. [XLVII (2)]

180955

Int. Cl. : F 02 M - 7/12.

**AN ATTACHMENT FOR A TWO STROKE PETROL ENGINE TO ACCOMPLISH ECONOMY IN FUEL.**

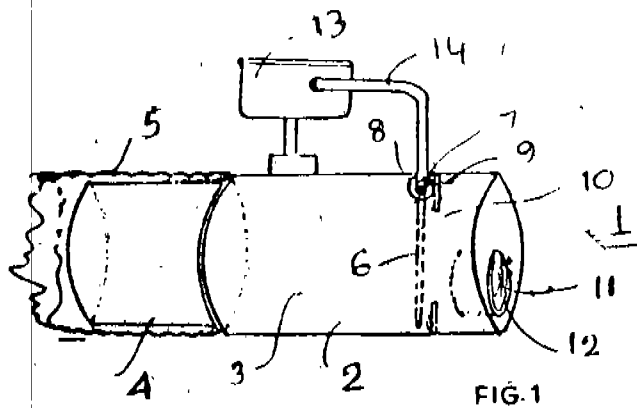
Applicant & Inventor : ARVIND JANARDHAN KHAN-  
DKE 117/B, MAHADWAR ROAD, KOLHAPUR-416 012,  
MAHARASHTRA, INDIA. AN INDIAN NATIONAL.

Patent application No. 540/Bom/94 filed on 16-11-94.

Appropriate Office for Opposition Proceedings (Rule 4,  
Patent Rules, 1972), Patent Office Branch, Mumbai-400 013.

**1 Claim**

A device for connecting air filter to a carburettor to accomplish economy in fuel comprising main body having a hollow cavity with extended hollow neck at the end for connecting the same over the hose of the carburettor and the said hollow cavity is having an articulately hinged flap valve having two pivots resting in recesses provided in the inside of the cavity; a septum having an opening, the said opening extending into another opening leading to air filter end; over the main body there is provided oil cup with tubings connected to small inlets which in turn open in the recesses meant for pivots of the said flap valve.

**FIG. 1**

(Compl. Specn. 5 Pages;

Drwg. 1 sheet.)

Ind. Cl. : 113 C [XXX(4)]

180956

Int. Cl. : F 21 P - 5/02

Applicants & Inventors : VIVEKANAND APTE 5, CHIN-  
TAMANI APARTMENTS, 38/2, MADHUBAN SOCIETY  
KARVE NAGAR, PUNE-411052, MAHARASHTRA STATE,  
INDIA AND 2. RAVINDRANATH APTE, 5, CHINTA-  
MANI APARTMENTS, 38/2, MADHUBAN SOCIETY,  
KARVE NAGAR, PUNE-411 052, MAHARASHTRA STATE,  
INDIA. BOTH INDIAN NATIONALS.

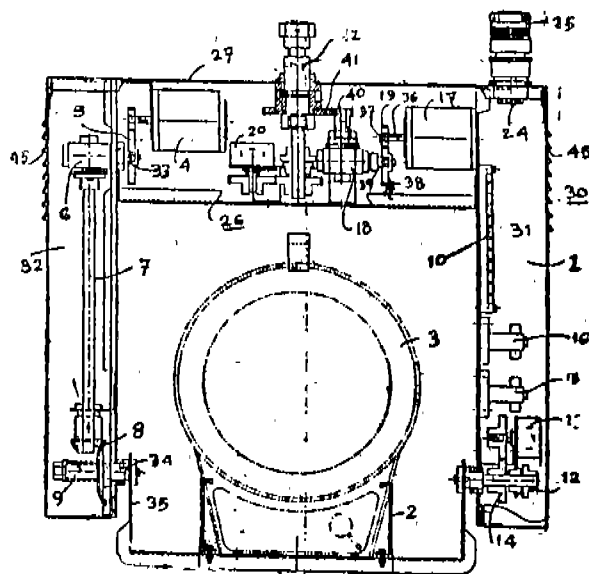
Application No. 573/Bom/94 filed on 30-11-94.

Appropriate Office for Opposition Proceedings (Rule 4,  
Patents Rules, 1972) Patent Office Branch, Mumbai-13.

**3 Claims**

Computer controllable lighting system comprising plurality of lighting units, each lighting unit consisting of 'U' shaped mounting frame made of two vertical hollow columns and the horizontal bridge connected to the said two hollow columns, in one of the vertical columns there is provided an arrangement for tilting the fixedly mounted individual lighting unit, the said tilting arrangement being made up of a motor having a gear train, gear box to transmit motion via a vertical spindle to a bevel gear which in turn rotates the spindle holding clamping means meant for mounting the said individual lighting

unit; a spring loaded clutch being provided for manually tilting lighting unit in case its prime mover stops working; on the horizontal bridge there being provided a pan motor attached to the inside of the second vertical hollow column, the pan motor drives a mechanism through suitable gear box to accomplish rotating movement of the pinion which in turn is extended into a stud connected to the clamping means for clamping or attaching the said mounting frame assembly to a horizontal pipe of the lighting grid, connector strips being provided to connect through suitable flexible wires carried through conduit and connected to a computer terminal.



(Compl. Specn. 7 Pages;

Drwgs. 2 Sheets.)

Ind. Cl. : 126 D [LVIII(6)]

180957

Int. Cl. : G 01 B, 3/00

**AN IMPROVED BORE GAUGE.**

Applicant & Inventor : VISHNU GANGADHAR GODSE,  
"LOKESH", 111, SAHAKAR NAGAR, PUNE-411 009,  
MAHARASHTRA, INDIA.

Application No. 639/Bom/1994 filed on Dec. 28, 1994.

Appropriate Office for Opposition Proceedings (Rule 4,  
Patents Rules, 1972) Patent Office Branch, Mumbai-13.

**1 Claim**

An improved Bore Gauge Comprising main vertical housing for mounting a dial gauge over the top end, stem of the dial gauge resting over a spacer rod, lower end of which rests over a shaft capable of moving in a linear motion bush to ensure straight linear movement of the said shaft, said shaft having a shaft head with its lower contact surface precisely honed to 45°, a spring provided between the said linear motion bush and the shaft head, the said contact surface at 45° rests over plurality of balls usually 3 to 4 or more in numbers which are housed in respective number of holes of slightly lesser diameter so that the balls slightly protrude through the openings in the vertical wall of interchangeable ball retainer cap.

(Complete Specification : 6 Pages;

Drawings : 2 Sheets)

Ind. Cl. : 97A [LIX(2)]

180958

Int. Cl. : H 05 B-3/06

AN IMPROVED COLUMN OVEN FOR HIGH PERFORMANCE LIQUID CHROMATOGRAPHY.

Applicants : ABHJEET JANARDAN MURAR, AJIT DATTATRAY SHRINGARPURE, AJAY NANDKUMAR PALKAR INDIAN NATIONALS TRADING ON THE NAME M/S. PWN SYSTEMS OF 34/288 UNNAT NAGAR (II), GOREGAON, MUMBAI-400 062.

Inventors :

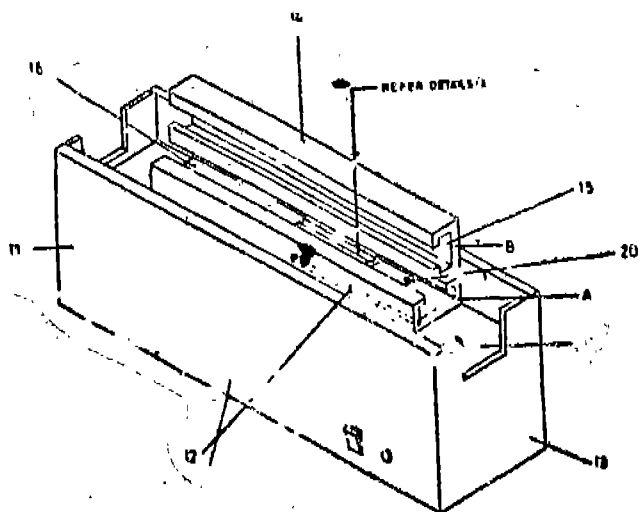
- (1) MR. AJAY NANDKUMAR PALKAR,
- (2) DR. PRASANNA SUDHIR MAINKAR.

Application No. 07/Bom/95 filed on 03-01-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Mumbai-13.

## 2 Claims

An improved column oven for high performance liquid chromatography comprising to heating blocks upper (14) and lower (13) hinged together housed in the oven cover (11) which have T sections (15 and 16) opposing each other; the lower block (13) is further provided with a spacer (17) having grooves to accumulate the organic mixtures for testing; which has a bottom portion (18) to match the T section of the lower block (13) which can travel freely; the movement can be stopped by the reference pin (20) to suit the length of the column.



ISOMETRIC VIEW OF CH-300

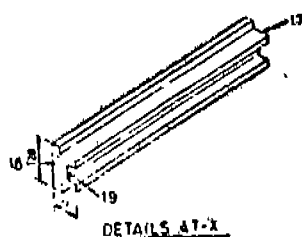


FIG. 2

(Compl. Specn. 7 Pages;

Drgs. 2 Sheets.)

Ind. Cl. : 61 A1 [VIII]

180959

Int. Cl. : F 26 B - 19/00, 21/06

AN APPARATUS FOR DRYING PARTICULATE MATERIAL.

Applicant's : SOMOS GMBH EGERLANDERSTR, 2-4, 64331 WEITERSTADT, GERMANY.

Inventors :

- (1) ACHIM BECKER.
- (2) MICHAEL ZLOTOS.

Application No. 22/Bom/95 filed on 13-01-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Mumbai-13.

## 8 Claims

An apparatus for drying particulate material comprising at least one particulate material container which is connected in a closed air circulating system with an air drying device and a heater, in which a dry heated gas is moved through the particulate material by means of a blower in order to extract moisture from the particulate, and moisture laden air discharged from the particulate material container subsequently is dried again, reheated by means of a heater and then supplied again to the particulate material container, wherein a connection for introducing dry, heated gas is provided in an upper region of the particulate material container, said connection leading into a duct having a lower and provided with a gas distributor, and said duct being thermally insulated at least inside the particulate material container.

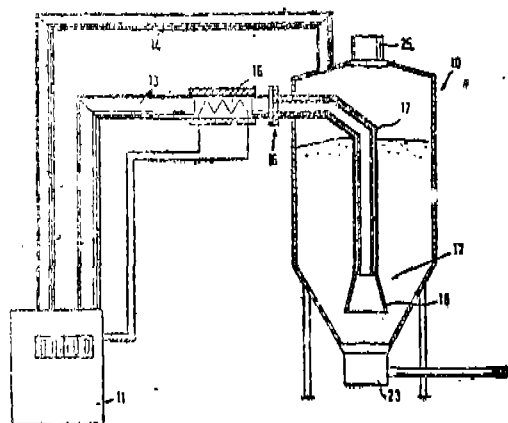


FIG. 1

(Compl. Specn. 13 Pages;

Drg. 1 Sheet)

Ind. Cl. 97A [LIX (2)]

180960

Int. Cl. : F27D-11/08

H01L-29/96

H05B-7/148

G05B-1/66.

AN IMPROVED D. C. ARC FURNACE.

Applicants & Inventors : MUKESH BHANDARI OF A-1, SKYLARK APARTMENT SATELLITE ROAD, AHMEDABAD-380 015, GUJARAT, INDIA, INDIAN NATIONAL & DR PROSPECT VERNADSKY MALINDVSKY OF 9/54221, MOSCOW-117311, RUSSIA, RUSSIAN NATIONAL.

Application No. 48/Bom/95 filed on 2-2-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

## 2 Claims

An improved DC Arc furnace comprising a refractory lined furnace shell, (12) provided with two bottom electrodes 9a9b and one water cooled top graphite electrode, 10 to form an Arc 13 to melt the scrap metal 11; plurality of rectifiers 4a, 4b, 4c, 4d are individually controlled through a

regulating means 19 and a micro processor 20; one end of each electrode is connected to said bottom electrode through plurality of diodes 14a, 14b, 14c, 14d, 15a, 15b, 15c, 15d through a busbars 8a, 8b, 8c and 8d flexible connection 8, 8, 8, 8 the other end is connected to secondaries of transformer 3a, 3b which are further connected to power supply through filter 2a, 2b and circuit breakers 1a, 1b the said top graphite electrode 10 is connected to rectifiers 4c, 4d through busbars 6 & flexible connection 6a; the said rectifiers can being connected in series or parallel or any combination by operating the switch 16, 17, 18 and the diodes.

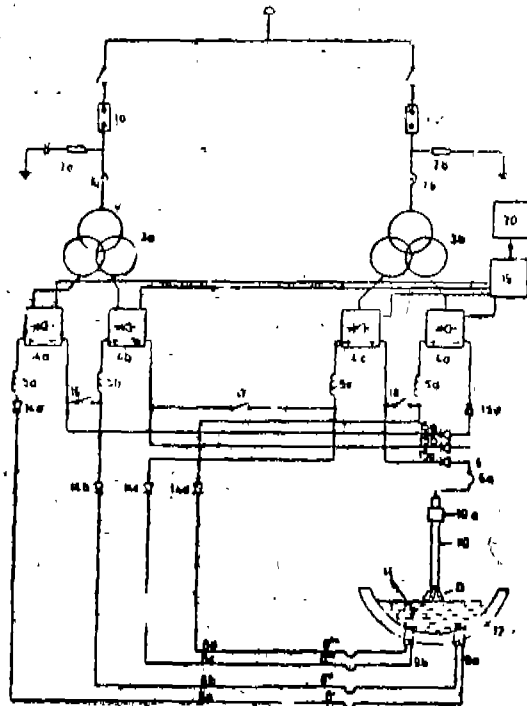


FIG. 2

(Compl. Specn. 10 pages;

Drawg. 4 sheets.)

Ind. Cl. : 21 B

180961

Int. Cl.<sup>4</sup> : A 43 B—13/38, 1/00

**"AN IMPROVED PROCESS FOR PRODUCING COLD-MOULDED ETHYL VINYL ACETATE FOOTBED INSOLES"**

Applicant : BATA INDIA LIMITED, OF 30 SHAKESPEARE SARANI, P. O. BOX NO. 9079, CALCUTTA-700 017, INDIA.

Inventor : UTPAL CHATTERJEE.

Application No. : 288/Cal/94 filed on 21st April, 1994.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office Calcutta.

## 06 Claims

1. An improved process for producing cold-moulded ethyl-vinyl acetate footbed insoles having imprints of various designs made thereon by using a common base-mould, characterised in that the process comprises the steps of : (i) cutting footbed insole blanks of appropriate shape and size from ethyl-vinyl acetate sheets prepared in a known way; (ii) making a metallic base mould, preferably of zinc- or aluminium-base alloy, by casting or using a die-sinking (3-axis) machine, of size and shape as those of the insoles to be imprinted, with one of its two surfaces, called

upper, being made smooth, plane and free from flaws, holes and marks; (iii) blasting the upper surface of base mould with fine sands for roughening the same lightly using a known machine; (iv) cutting the imprinting-inserts, such as jute, nylon, cotton or other fabrics, nettings, braidings, embroideries and metallic wire meshes, of the same shape as that of the insole blanks but of size which is bigger all around by at least 10 mm than that of the insole blanks; (v) applying a solvent-base water-repellant adhesive, such as herein described, in a thin and uniform layer on the upper surface of the base mould and the lower surface of the imprinting inserts to be in contact with the upper surface of the base mould by means of a fine brush or sprayer or roller so that only those areas of the inserts which are to be in contact with the base mould surface are applied with the adhesive; (vi) laying the imprinting-insert to be used on the upper surface of the base mould so that the adhesive-applied surfaces of the base mould and the insert are in contact with each other with the at least 10 mm wide margin all around the insert protruding the edge all around of the upper surface of the base mould; (vii) wrapping the protruding margin of the insert over the edge of the base mould all around and fixing the same in position by means of cutting knives attached externally to the base mould; (viii) allowing adequate time for the adhesive to dry and bond the insert to the mould surface strongly; (ix) placing the insole blank to be imprinted on the upper surface, i.e. the surface not applied with adhesive, of the insert in such a way that the edge of the insole blank all around coincides with that of the base mould; (x) making a, preferably, metallic pressure-pad of the same size and shape as those of the insole blank by moulding; (xi) placing the pressure-pad on the upper surface of the insole blank, already placed on the insert, with the edges of the pressure-pad and the insole blank coinciding with each other all around; (xii) applying the required pressure on the upper surface of the pressure-pad at room temperature by means of a known pneumatic or hydraulic or ball press for the required time; (xiii) releasing the pressure applied on the upper surface of the pressure-pad and removing both the pressure-pad and insole having the design of the insert imprinted on the lower surface thereof; (xiv) repeating the steps (ix) to (xiii) for producing as many insoles having the same design imprinted thereon, as desired; (xv) removing the insert bonded to the base mould surface by applying a suitable solvent, such as herein described, thereon and pulling; (xvi) cleaning the upper surface of the base mould thoroughly by means of a soft brush and with further application of the said solvent thereon, if necessary; and (xvii) producing insoles with changed design patterns imprinted thereon by repeating the steps (iv) to (xiv).

(Compl. Specn. 16 Pages;

Drg. 1 Sheet.)

Ind. Cl. : 119-L 00MS XXI(3)

180962

Int. Cl.<sup>4</sup> : A 41 A 37/00

**"A SLIDE FASTENER"**

Applicant : OPTI PATENT-FORSCHUNGS-UND FABRIKATIONS-AG, OF 8730 RIEDERN-ALLMEIND/SWITZERLAND.

Inventor : ALFONS FROHLICH.

Application No. : 375/Cal/92 filed on 29-5-92.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office Calcutta.

## 15 Claims

1. A slide fastener having woven support tapes and, woven therein, coupling member rows made of a plastics monofilament, the support tapes being devised from warp yarns and adjacent double wefts of a continuous ground weft double-pick yarn,

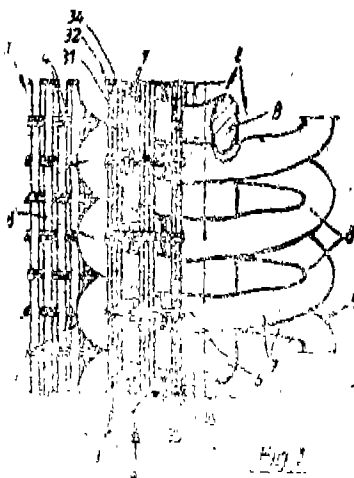
the coupling member rows of each half of the slider comprising: a continuous woven helix having closure members devised as a plastics monofilament double weft and consisting of coupling heads, the same merging into arms which in a projection on the fastener plane are disposed substantially one above another, rearward

connecting parts being provided, the double wefts of the continuous ground yarns being disposed, as considered in a projection on the fastener plane, below the coupling members and, without engaging over the plastics monofilament, between the coupling members, some of the warp yarns of the support tapes extending as binding warp yarns over the coupling members,

the double wefts being raised between the closure members to near the top arms thereof by at least one of the binding warp yarns as a ground weft reinforcement loop, characterised by the combination of the following features :

- (a) a first binding warp yarn arrangement having a number of binding warp yarns (31—33; 31—34) is so devised that its yarns always extend below the double wefts of the support tapes (1), above at least two coupling members (5), then below a coupling member (5) and the double weft (4) therebelow, and
- (b) a second binding warp yarn arrangement having at least one binding warp yarn (35) is so devised that the same extends above the double wefts (4) of the support tapes (1) between the closure members (5) and below the closure members (5) having the double weft (4) below them,

the arrangement being such that a bonding warp yarn (35) of the second binding warp yarn arrangement also extends below the closure members (5) below which a binding warp yarn (31—33; 31—34) of the first binding warp yarn arrangement together with the double weft yarn (4) below extends.



(Compl. Specn. : 16 Pages;

Drgs. : 4 Sheets)

Ind. Cl. : 185 CE (XIII)

180963

Int. Cl. : A 23 F 3/08.

"IMPROVEMENTS IN OR RELATING TO AN APPARATUS FOR PRODUCING GRANULATED TEA PARTICLES".

Applicant : STEELSWORTH LIMITED, OF TINSUKIA-786125, ASSAM, INDIA.

Inventor : MANGALORE PRABHAMKAR PRABHU.

Application No. : 166/Cal/93; filed on 19th March, 1993.

(Complete Specification filed on 30th November, 1994).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

9 Claims

An apparatus for producing granulated tea particles comprising essentially a vibrating tray (10) held in an inclined plane supported on upright spring flats (11) fixedly mounted on the base frame (12) of said apparatus; the upper

end of said vibrating tray (10) being the feed end and the lower end of which being formed into a discharged chute for the granulated tea particles; a drive means being provided suitably for causing variable frequency vibration to tray, characterized in that, wherein,

the said vibrating tray essentially comprises a steel bottom band (29) to the entire surface of which a fabric sheet (30) is glued having thereon a non-sticky low co-efficient friction film.

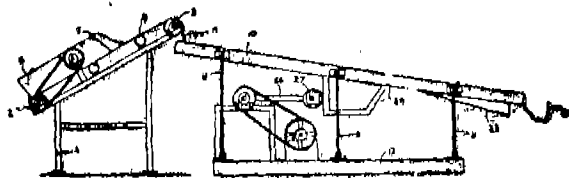


Fig. 1

(Compl. Specn. 12 pages;

Drg. 1 Sheet)

Ind. Cl. : 103

180964

Int. Cl. : C 23 G 3/02, 1/14.

"METHOD AND APPARATUS FOR DESCALING METAL STRIP".

Applicant : KOLENE CORPORATION, OF 12890 WESTWOOD AVENUE, DETROIT, MICHIGAN 48223, U.S.A.

Inventors : (1) JOHN M. COLE,  
(2) CHARLES M. BESSEY.

Application No. : 429/Cal/93 filed on 27th July, 1993.

Appropriate Office for Opposition Proceedings (Rules 4, Patents Rules, 1972), Patent Office, Calcutta.

10 Claims

A method for descaling a metal strip having upper and lower surfaces traveling at a predetermined speed in an annealing line characterised by :

Providing a spray box for enclosing a portion of the metal strip in the annealing line.

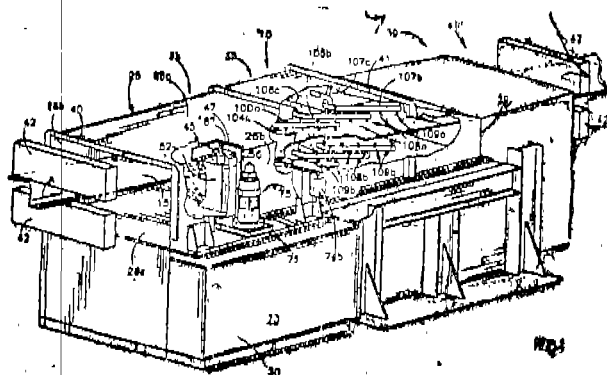
mounting a chamber at least partially within an aperture formed in a side of spray box, said chamber having a nozzle device mounted in heat exchange relationship with said chamber, said chamber being mounted in said spray box such that said chamber can be easily removed through said aperture in said spray box when said chamber or nozzle device becomes damaged or unusable.

providing a descaling product as herein described within said chamber in molten form with a consistency, sufficient to be sprayed through said nozzle device.

passing a metal strip to be descaled through the spray box.

directing transversely the molten descaling product through said nozzle device against one of said upper or lower surfaces of the metal strip in the spray box for an amount and time sufficient to descale such surface of the metal strip, wherein the spray chamber and nozzles are initially preheat-

ed by heater above the melting temperature of the salt to prevent the said salt from freezing in the spray chamber and from clogging the nozzles.



(Compl. Specns. : 23 pages;

DrGs. : 04 Sheets)

Ind. Cl. : 206 G

180965

Int. Cl.<sup>4</sup> : H 04 B 5 /04

## PAGING SYSTEM FOR SIMULCASTING PAGES.

**Applicant: GLENAYRE ELECTRONICS, INC., OF 5935  
CARNEGIE BOULEVARD, CHARLOTTE, NORTH CARO-  
LINA 28209, USA.**

**Inventors :**

- (1) MARK LEONARD WITSAMAN,
- (2) ROGER EUGENE BENZ,
- (3) DAVID WAYNE GLESSNER,
- (4) JOEL RICHARD CROWLEY,
- (5) GLENN STUART FAWCETT.

Application No. 476/Cal/93 filed on 17th Aug. 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office Calcutta.

## 5 Claims

A paging system for simulcasting pages, comprising :

a paging terminal (22, 24) for receiving calls for system subscribers and functioning to generate corresponding pages;

a system controller (28) having:

a clock (68) for maintaining a system time;

means (62) for receiving said pages and for receiving said system time, said means functioning to packetize said pages into a plurality of paging data blocks, wherein said paging data blocks are in a digital format, and further functioning to provide each paging data block with a start time based on said system time; and

a first linking unit (64) for forwarding said paging data blocks over a link channel; and

a plurality of paging station, (30) each paging station having :

a transmitter (34) for broadcasting said pages;

a second linking unit (380) for receiving said paging data blocks from the link channel;

1 a station clock (390) for maintaining a station time having  
2 a predetermined relationship to said system time; and

a station controller (32) for receiving said station time from said station clock and for receiving said paging data blocks from said second linking unit, and for forwarding said pages to be simulcast to said transmitter, said station controller functioning to remove said pages from said paging

data blocks and forward said pages to said transmitter when said station time equals said start time in said paging data blocks.

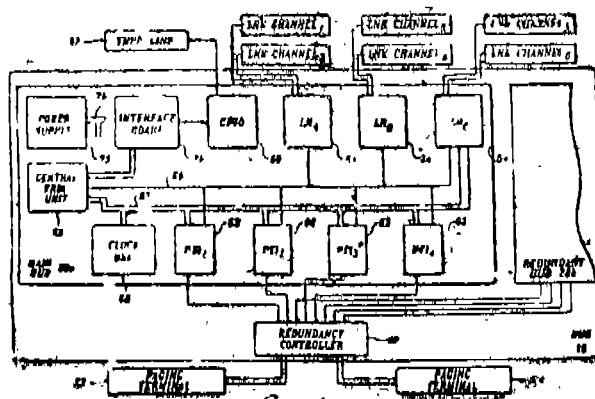


Fig. 4.

(Compl. Specn. 59 Pages;

Drge. 24 Sheets)

Ind. Cl. : 170 A.

180966

Int. Cl. : C 08 J 9/36, C 11 D 3/37, 3/14.

"A METHOD FOR FORMING A POLYMERIC COM.  
POSITION".

Applicant : KERR-MCGEE CHEMICAL CORPORATION,  
OF KERR-MCGEE CENTRE, OKLAHOMA CITY,  
OKLAHOMA-73125, U.S.A.

Inventors : BRUCE ROBERT PALMER & RODNEY  
DAVID STRAMEL.

Application No. : 579/Cal/93 filed on 30th September, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

## 10 Claims

A method of forming a polymeric composition comprising the step of dispersing a treated particulate property modifier selected from the group consisting of titanium dioxide; iron oxide; nickel titanate; antimony oxide; lead chromate; zinc oxide; cadmium sulfide; fiberglass; ceramic particles; colloidal materials; fire retardants such as aluminum trihydrate and magnesium hydroxide; calcium carbonate; and combinations thereof, in a polymeric material, selected from the group consisting of polystyrene; polyethylene; polyvinyl chloride; polypropylene; acrylonitrile butadiene-styrene; polyphenylene sulfide; polyphenylene oxide; nylon; polyethylene terephthalate; epoxies; alkyl urea formaldehyde; and combinations thereof, said treated particulate property modifier having been produced by a process comprising the steps of:

- (a) a metal ion activating the surface of a particulate property modifier to provide reactive metal sites on said surface by;
- (i) exposing said surface to an aqueous medium e.g. water; and
  - (ii) adding a source of hydrolyzable metal ions, such as herein described, to said aqueous medium such that said hydrolyzed metal ions are formed; and
- (b) chemically bonding a surfactant selected from the group consisting of linear and branched chain carboxylic acids and carboxylic acid salts; linear and branched alkyl sulfonic acids and alkyl sulfonic

acid salts; linear alkyl benzene sulfonate; sulfosuccinates; phosphates; phosphonates; phospholipids; and mixtures thereof to said surface at said reactive metal sites; and optionally an uncharged hydrocarbon is adsorbed on said surfactant, said uncharged hydrocarbon being selected from the group consisting of alcohols having linear or branched hydrocarbon chains comprising from about 4 to about 30 carbon atoms and paraffins having linear or branched hydrocarbon chains comprising from about 4 to about 30 carbon atoms.

(Compl. Specns : 41 pages;

Drgns. : 1 Sheet)

Ind. Cl. : 99 E

180967

Int. Cl. : B 25 D 19/18

"A PALLETISED CONTAINER COMPRISING A PALLET AN OUTER HOUSING AND A PLASTIC INNER TANK".

Applicant : SOTRALENTZ S.A. OF 24, RUE DU PROFESSEUR-FROELICH, F-67 320 DRULINGEN, FRANCE.

Inventors :

(1) CLAUDE DECROIX,

(2) LYLE H. SHUERT.

Application No. 642/Cal/93 filed on 26th October, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office Calcutta.

#### 5 Claims

A palletised container comprising a pallet (1), an outer housing (2) and a plastic inner tank (3) which is inserted in the outer housing (2) and is supported on the pallet (1) wherein the pallet (1) has a peripheral groove (5) for receiving the outer housing (2) in which the bottom edge (6) of the outer housing (2) is inserted, wherein the bottom edge (6) of the outer housing (2) is secured in the peripheral groove (5) by retainer tongues (7), characterised in that the separately constructed retainer tongues (7) have detent recess (11) in the region of their tongue ends, in which locking formation detent elements (12) of the pallet (1) engage and fix the scheduled position of the retainer tongues (7) in receiver pockets (10) of the pallet (1).

Fig 1

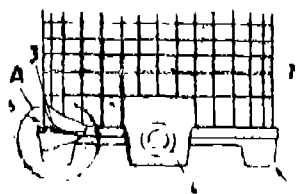
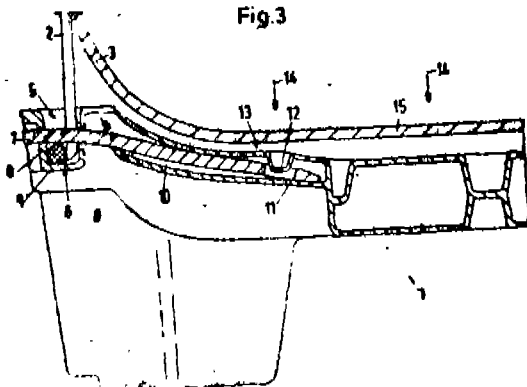


Fig.3



(Compl. Specn. 9 Pages;

Drgns. 2 Sheets)

Ind. Cl. : 145 B

180968

Int. Cl. : B 65 D 19/20

"A PAPER PALLET FOR SUPPORTING GOODS DURING TRANSHIPMENT AND STORAGE AND A KIT THEREFORE".

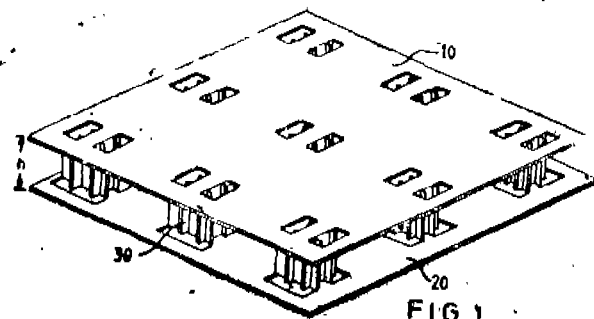
Applicant & Inventor : CHOW PAK LIM. OF 151, JALAN KENANGA, TAMAN UDAJAYA, 68000 SELANGOR DARUL EHSAN, MALAYSIA.

Application No. 701/Cal/93 filed on 16th November, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office Calcutta.

#### 9 Claims

A paper pallet for supporting goods during transshipment and storage comprising first and second paper sheet members (10, 20) and a plurality of support means (30) arranged between the first and second sheet members (10, 20) to hold the first and second sheet members (10, 20) together in spaced parallel relation, the support means (30) being formed by hinged tongues (35, 37) integral with the first and second sheet members (10, 20) and having openings (33) that extend from the free ends of the tongues (35, 37) towards the hinges (38), the tongues (35) on the first sheet member (10) intersecting at right angles with the tongues (37) on the second sheet member (20), characterised in that on at least some of the tongues (35, 37) a slot (34) is located between the end of the opening (33) and the hinge (38), and the openings (33) on those tongues (35, 37) on one sheet member intersecting with tongues (35, 37) on the other sheet member with slots (34) have a flange (32) extending into the opening (33) to form a constricted portion of the opening (33), said flange (32) being capable of being received in the slot (34) to lock the tongues (35, 37) together.



(Compl. Specn. 14 Pages;

Drgns. 7 Sheets)

Ind. Cl. : 172 C 1

180969

Int. Cl. : D 01 G 15/46

A DEVICE IN A CARDING MACHINE FOR THE REMOVAL AND COLLECTION OF A CARD WEB.

Applicant : TRUTZSCHLER GMBH & CO. KG., OF DUVENSTR. 82-92, 41199 MONCHENGLADBACH, GERMANY.

Inventors :

(1) FERDINAND LEIFELD,

(2) WILFRIED WEBER.

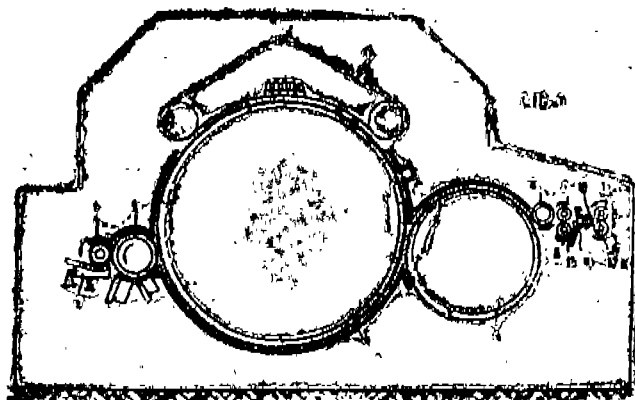
Application No. 734/Cal/93 filed on 30-11-1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office Calcutta.

#### 54 Claims

A device in a carding machine for the removal and collection of a card web coming out of a delivery mechanism of a carding machine to a card sliver with a guide element (9) connected directly after the delivery mechanism, which consists of a roller pair (7, 8) said guide element (9) having an immobile guide surface with a passage opening crossing the plane of the card sliver, the upper longitudinal edge

of the guide element is situated directly adjacent to the upper roller and the lower longitudinal edge of which is situated at a distance from the lower roller in such a way, that the guide element is open downwards, wherein a guide body (15) is placed between the guide element (9) and the roller pair (7, 8) in the region before the passage opening (14) of the guide element (9).



(Comp. Specn. 17 Pages;

Drgs. 10 Sheets)

Int. Cl. : 94 I

180970

Int. Cl. : C 13 D 1/06.

**INSERTLESS PERFORATED MILL ROLL.**

Applicant & Inventor : IRVING CHUNG-CHI CHEN, OF 12 A HONG KONG GARDEN S SEYMOUR ROAD, HONG KONG.

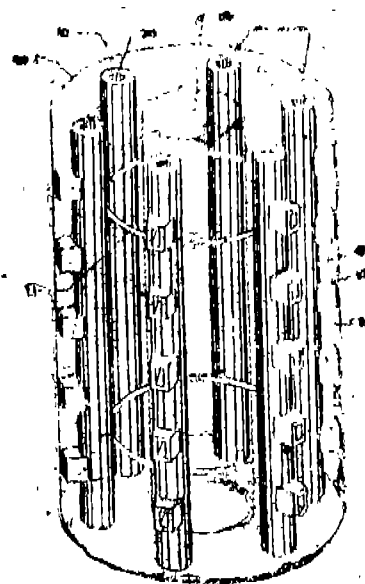
Application No. 777/Cal/93 filed on 09-12-1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office Calcutta.

**36 Claims**

An insertless perforated mill roll body having a central axis and two axial ends to be sleeved upon a shaft for the grinding of fluid-containing material and extraction of fluid therefrom, comprising :

- (a) a plurality of fluid channels extending generally between said axial ends of said roll body;
- (b) a plurality of fluid passage members disposed radially outwardly of said fluid channels each containing at least one generally radially extending fluid passage which is in communication with said fluid channel;
- (c) a roll body casting being formed by casting a castable material to enclose said fluid channels and at least a portion of said fluid passage members therewithin using a casting process, whereby said fluid passages are inherently cast in said roll body without the need to use externally provided fluid passage inserts, said roll body casting further containing a hollow center bore provided therewithin for receiving said shaft therethrough; and
- (d) an outer periphery on the radially outermost portion of said roll body casting to provide a grinding surface.



(Comp. Specn. 27 Pages;

Drgs. 7 Sheets)

**AMENDMENT PROCEEDINGS UNDER SECTION-37**

The amendment proposed by Amitabha Ray, of Rabindranagar, P.O. Laskarpur Dist. 24 PGS (S), Pin-743515, Indian in respect of application for Patent No. 177486 as advertised in Part III Section 2 of the Gazette of India on 25th October, 1997 and no opposition being filed within the stipulated period the said amendments have been allowed.

**OPPOSITION PROCEEDINGS**

An opposition has been entered by Dabur Research Foundation Ghaziabad (U.P.) to grant of a patent on application No. 178870 (1256/Del/92) dated 24-12-1992 made by Rhone-Poulenc Rorer S. A. France.

**RESTORATION PROCEEDINGS**

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 172450 granted to K. S. Krishnasamy for an invention relating to "an improved semia making machine."

The Patent ceased on the 17th January 1997 due to non payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 28th March, 1998.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace 2nd M.S.O. Building, 5th, 6th & 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta-700 020 on or before the 4-6-1998 under Rule 69 of the Patents Rules, 1972. A Written Statement, in triplicate setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 176690 granted to Shriram Institute for Industrial Research for an invention relating to "a process for the preparation of bis 2-ethyl hexyl phosphate".

The Patent ceased on the 1st July, 1997 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 28th March, 1998.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace 2nd M.S.O. Building, 5th, 6th & 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta-700 020 on or before the 2-6-1998 under Rule 69 of the Patents Rules, 1972. A Written Statement, in triplicate setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

#### RENEWAL FEES PAID

178751 178713 177082 178102 174466 176351 177024 177332  
178542 178707 164363 165842 168993 168994 171087 172341  
173271 174461 174993 175933 174296 175332 174836 175043  
174654 174798 175644 175768 175977 176356 175339 173301  
173548 173549 173550 168222 167354 168176 175632 169732  
172350 167264 163288 176622 176623 165313 178264 164574  
165866 177088 168992 174453 174673 176323 164816 169003  
176315 169984 170881 166837 166838

#### PATENT SEALED ON 06-03-1998

174538\*D 178841\*D 178842 178843\* 178844\* 178845\*D  
178846\*F 178847 178848\*D 178849\*D 178850\*D 178851  
178852 178854 178855 178856 178857 178858 178859  
178861\*D 178862 178863\*D 178864\*F 178865\*D 178866\*D  
178867\*D 178868\*D 178869\*D

Cal-NIL. Del-19, Mum-09, Chen-NIL.

\*Patent shall be deemed to be endorsed with words LICENCE OF RIGHT Under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

D—Drug Patents.

F—Food Patents.

#### REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entries is the date of the registration included in the entries.

Class 1. No. 173081, Unicom Skytech Ltd., of Parasram Puria Bhawan, 270 Walkeshwar Road, Mumbai-400006, Maharashtra, India, "WATER PURIFIER", 31st January 1997.

Class 1. No. 173089, John Flower (India) Ltd., an Indian Company, Sarjapur Road, Bangalore 560034, Karnataka, India, "OILY WATER SEPARATOR", 3rd February 1997.

Class 1. No. 173090, John Flower (India) Ltd., an Indian Company, Sarjapur Road, Bangalore-560034, Karnataka, India, "DIESEL CONDITIONING SYSTEM", 3rd February 1997.

Class 1. No. 173091, John Flower (India) Ltd., an Indian Company, Sarjapur Road, Bangalore-560034, Karnataka, India, "FILTER", 3rd February 1997.

Class 1. No. 173097, M/s. Satya Health Farm & Resorts Pvt. Ltd., an Indian firm, 6, Mohatta Market, 1st floor, Palton Road, Mumbai-400001, Maharashtra, India, "HAND MASSAGE ROLLER", 4th February 1997.

Class 1 Nos. 173934 to 173936, Kim Kraft (Pvt.) Ltd., an Indian Company of 20 Patparganj Village, New Delhi-110 091, India, "BANGLE", 28th May 1997.

Class 1. No. 173937, Kim Kraft (Private) Ltd., an Indian Company of 20 Patparganj Village, New Delhi-110 091, India, "EAR RINGS", 28th May 1997.

Class 1. No. 174192, Hawkins Cookers Ltd., Maker Tower, F 101 Cuffe Parade, Mumbai-400 005, Maharashtra, India, an Indian Co., "TAVA", 30th June 1997.

Class 1. No. 173730, TTK Prestige Ltd., Indian company, of business at 78, Old Madras Road, Doorvani Nagar, Bangalore-560 016, Karnataka, India, "SAUCE PAN", 29th April 1997.

Class 1. No. 173731, TTK Prestige Ltd., Indian company, of business at 78, Old Madras Road, Doorvani Nagar, Bangalore-560 016, Karnataka, India, "FRY PAN", 29th April 1997.

Class 3. No. 173732, TTK Prestige Ltd., Indian company, of business at 78, Old Madras Road, Doorvani Nagar, Bangalore-560 016, Karnataka, India, "HANDLE", 29th April 1997.

Class 3. No. 173630, Dr. Sheel Aditya, Associate Professor, Dept. of Electrical Engineering, Indian Institute of Technology, Hauz Khas, New Delhi-110 016, India, an Indian national, "PRINTED ANTENNA", 11th April 1997.

Class 3. No. 173657, Mr. Anil Kamboj, Mr. G. R. Kolharl & Mrs. Neelam Goyal, all partners of Hi-Tech Engineering Industries, a regd. partnership firm, D-42, Sector XI, Noida 201301, U.F., India, all Indian nationals, "REFILL FOR BALL PEN", 17th April 1997.

Class 3. Nos. 173661 to 173664, Black & Decker Inc., a corporation organized under the laws of the State of Delaware, U.S.A. of Drummond Plaza Office Park, 1423, Kirkwood Highway, Delaware, 19711, U.S.A., "MIXER CUM GRINDER WITH JAR", 17th April 1997.

Class 3. Nos. 173164, 173165 & 173168, Today's Writing Instruments Pvt. Ltd., an Indian Company, of 104/3, Demni road, Dadra 396220, Dadra & Nagar Haveli (Union Territory) India, "BALL POINT PEN", 17th February 1997.

Class 3. 173156, S. Kakkar & Co., an Indian proprietary firm of 19, Sukkas Lane, 1st floor, Calcutta-700 001, West Bengal, India, "EDUCATIONAL TOY", 14th February 1997.

Class 3. Nos. 173131 & 173132, Colgate-Palmolive Company, a Delaware corporation of 300 Park Avenue, New York, New York-10022, U.S.A. "TOOTHBRUSH", 10th February 1997.



Class 3. No. 173126, The Goodyear Tire & Rubber Co., at 1144, East Market Street, Akron, Ohio 44316-0001, U.S.A., "TYRE TREAD", 7th February 1997.

Class 3. Nos. 173120 & 173121, Crystal Plastics & Metallizing Pvt. Ltd., having its regd. office at Sanghi House, Palkhi Galli, Off. Veer Savarkar Marg, Prabhadevi, Mumbai-400 025, State of Maharashtra, India, "TOP", 6th February 1997.

Class 3. Nos. 173122 & 173123, Crystal Plastics & Metallizing Pvt. Ltd., having its regd. office at Sanghi House, Palkhi Galli, Off. Veer Savarkar Marg, Prabhadevi, Mumbai-400 025, State of Maharashtra, India, "COMB", 6th February 1997.

Class 3. No. 174170 Hi-Tech Engineering Industries, D-42, Sector XI, Noida-201301, U.P., India, an Indian company, "BALL POINT PEN", 27th June 1997.

Class 12. No. 173075, Piruz Khambatta, Adult, an Indian national residing at Behind Ellisbridge Gymkhana, Ellisbridge, Ahmedabad-380 006, Gujarat, India, "CONFECTIONERY", 30th January 1997.

Class 12. No. 171091, Britannia Industries Ltd., an Indian Company of 5/1A, Hungerford Street, Calcutta-700 017, West Bengal, India, "BISCUIT", 11th April 1996.

Class 12. No. 173098, Bharat Prenji Haria, Indian national, M/s. Champion Confectionary, 57-C, Govt. Ind. Estate, Kandivali (W), Mumbai-400 067, Maharashtra, India, whose proprietor is Bharat Prenji Haria of above address, "BISCUIT", 4th Feb. 1997.

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